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The No. 40 Garden Book

PORTER-WALTON CO. SALT LAKE CITY, UTAH



New Harmony
Hybrids
Everblooming Marigolds
Pkt. 15c; 4 for 50c
Postpaid

At our
CENTERVILLE DISPLAY
GARDENS

A Colorful Border
of
Everblooming Marigolds
**NEW HARMONY
HYBRIDS**

Seed planted in April produces a magnificent color array entire Summer and Fall.

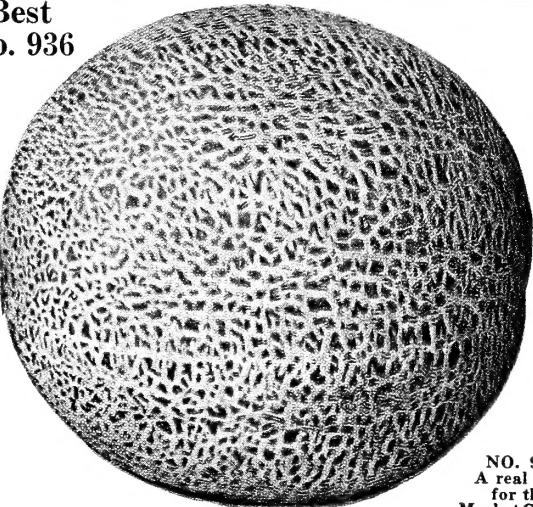
Pkt. 15c; 4 Pkts. 50c
Postpaid

P.-W.'s SPECIAL MERIT VEGETABLE NOVELTIES

New Hales Best Muskmelon No. 936

At right—

This is a new favorite for both home and market, maturing fruits in 75 days. The melons are pink-fleshed, thick-meat-ed, and of sweet, spicy flavor. Outside is well-netted; an excellent shipper. In size, they run even to "Jumbo 36." Vines are vigorous and produce heavily. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 55c; lb., 90c, postpaid. See page 16 for quantity prices.

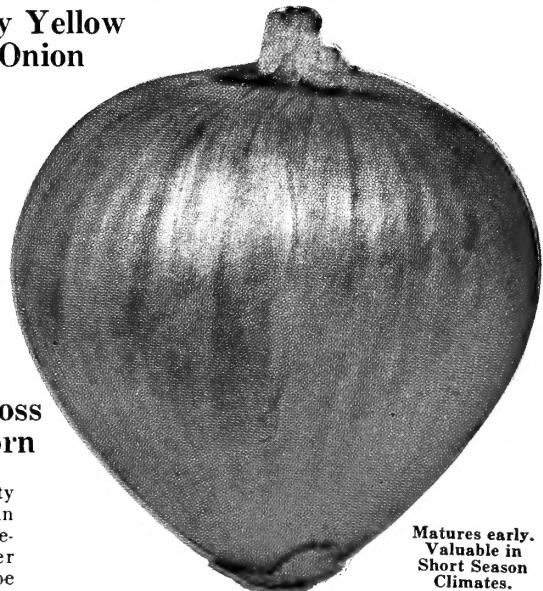


NO. 936
A real find
for the
Market Grower

P.-W.'s New Early Yellow Sweet Spanish Onion

At right—

This new variety will prove a boon to the areas where seasons are short. It is one of the earliest, mildest, and sweetest onions now in cultivation. All of those growing for early market trade will find a very decided advantage in this splendid variety. Packet, 10c; oz., 25c; $\frac{1}{4}$ lb., 65c, postpaid. See page 15 for quantity prices.



Matures early.
Valuable in
Short Season
Climates.

P.-W.'s Golden Cross Bantam Sweet Corn

Below—

A very outstanding variety maturing roasting ears in 72 days. It has a very decided improvement over the regular standard type of Golden Bantam. Stocks are heavier and plants are much more vigorous in growth. It matures earlier, produces larger ears of 12-16 rows. It is a good yeilder, kernels are golden-yellow with a deliciously sweet flavor. Pkt., 10c; lb., 40c; 3 lbs. for \$1.00, postpaid. See page 12 for quantity prices.

P.-W.'s Special Merit Vegetable Collection Offer No. 101

This consists of one packet each of New Hales Best Muskmelon No. 936, P.-W.'s New Early Yellow Sweet Spanish Onion, and P.-W.'s Golden Cross Bantam Sweet Corn. All postpaid for

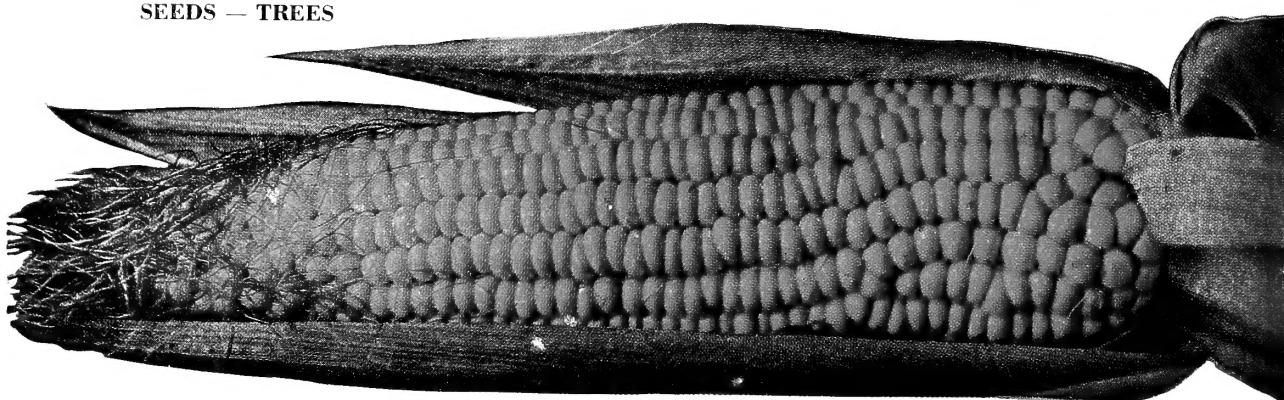
25c

New Giant Cherry Rhubarb

This splendid new type has a decided advantage over all other varieties in that it produces very large stocks of a decided cherry-red color which, for market purposes, commands a higher price than the less colorful types. This is propagated from divisions only. Strong roots, 25c each; 3 for 65c, postpaid. Not prepaid, 15c each; \$1.60 per dozen; \$11.00 per 100.

Particular Planters

Demand P.-W.'s "Mountain Grown"
SEEDS — TREES



ORDER SHEET
PORTER-WALTON CO.
Salt Lake City, Utah

(Do Not Write In Above Space)

Date _____ 19 _____

Name _____ (Use Name of Head of Family. Very plain.)
Street No. _____ R.F.D. _____
Post Office _____ Box _____
State _____ County _____
Ship to _____ State _____
Name of Express or Freight Office _____

P. O. Order \$ _____
Exp. Order _____
Cash _____
Stamps _____
Check _____

Is there a freight agent at your shipping point?
IF NOT PLEASE REMIT TO COVER CHARGES.

Truck Line.

Name of Railway..... Truck Line.....

How shall
we ship?
Indicate by X

| | |
|---------|--|
| MAIL | |
| EXPRESS | |
| FREIGHT | |
| TRUCK | |

Warranty and Responsibility for Crop

When shall
we ship?
(In the absence of specification, if not seasonable
to ship at once, we will use our best judgment
as to proper time in your locality.)

Send enough for postage; we refund every penny not used. **Freight or Express Charges** should not be sent with your order except where you have no agent at your station. Charges are the same either way.

THE WESSEL COMPANY, CHICAGO 67695

THIS FLAP IS GUMMED, READY TO SEAL
NO ENVELOPE NECESSARY

THIS FLAP IS GUMMED, READY TO SEAL

12

12 13 14 15

by mail remit Postage
on all items not postpaid

Total Amount Sent

Suggestions About Ordering

This Order Sheet is for your convenience in sending in orders. Extras will be gladly furnished on request. Money should always accompany order. On small amounts we accept postage stamps the same as cash. Goods wanted C.O.D. must have at least 25 per cent of the amount accompanying the order. Patrons signing orders are requested to use prefix, Mr., Mrs. or Miss. Married ladies please invariably use husband's initials.

Parcel Post Information

Most of the items in this catalog are prepaid, however, on those quoted f.o.b. Salt Lake City the following postal information will be helpful.

| Zone | First lb. | Additional | Each lb. | Zone | First lb. | Additional |
|-----------------------------|-----------|------------|----------|---------------------------------|-----------|------------|
| 1st—Within 50 miles | 8c | 1.1c | | 5th—Within 600 to 1,000 miles | 11c | 5.3c |
| 2nd—Within 50 to 150 miles | 8c | 1.1c | | 6th—Within 1,000 to 1,400 miles | 12c | 7c |
| 3rd—Within 150 to 300 miles | 9c | 2c | | 7th—Within 1,400 to 1,800 miles | 14c | 9c |
| 4th—Within 300 to 600 miles | 10c | 3.5c | | 8th—All over 1,800 miles | 15c | 11c |

The Maximum Weight allowable is 70 pounds. The size of the parcel must not exceed 100 inches for combined length and girth.

IMPORTANT

Before Sealing Be Sure

Your Name and Address are written plainly on the other side of this blank.

PROMPT SERVICE

Whether a Packet or a Car Load

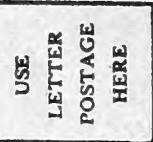
FOLD ON THIS LINE

SALT LAKE CITY, UTAH

42 West 1st South Street

SEED AND NURSERY SPECIALISTS

PORTER-WALTON COMPANY



FROM

TRADE MARK—ENV-O-BLANK
REG. IN U. S. PAT. OFFICE
THE WESSEL COMPANY
CHICAGO, ILLINOIS

"One Good Turn Deserves Another"

The following persons, I think, will likely purchase Planting Materials and would appreciate your Catalog.

| NAMES | ADDRESSES |
|-------|-----------|
| | |
| | |
| | |
| | |

We will include some extra Seeds or Bulbs for above Courtesy.

Please indicate below by X the free information leaflets desired:

| | | | | | | | |
|---------------------|----------------------------|------------------|----------------------------|------------------|----------------------------|--------------|----------------------------|
| Bulb Planting | (<input type="checkbox"/> | Hardy Lilies | (<input type="checkbox"/> | Planting Nursery | (<input type="checkbox"/> | Rock Gardens | (<input type="checkbox"/> |
| Fertilizers | (<input type="checkbox"/> | Lawn Making | (<input type="checkbox"/> | Stock | (<input type="checkbox"/> | Roses | (<input type="checkbox"/> |
| Flower Seed Culture | (<input type="checkbox"/> | Mushroom Culture | (<input type="checkbox"/> | Peonies | (<input type="checkbox"/> | Water Lilies | (<input type="checkbox"/> |



Sales office and entrance to
Centerville Display Gardens

It Pays To Plant
P.-W.'s "Mountain Grown"
SEEDS - SHRUBS - TREES



OGDEN

YOU ARE INVITED
— To Visit Our
Centerville Display
Gardens, Trial Grounds,
Plant, Shrub, and Tree
Nurseries.

Thousands of comparative
tests are made here annually
in order to determine
real values and those best
suited for the Mountain
States and similar areas.
Your visit will, therefore,
not only be most enjoy-
able but informational as
well, giving you the neces-
sary facts so that you can
make proper selection for
your own planting mate-
rials, whether it be Seeds,
Bulbs, Plants, Roses, Shrubs
or Trees.

P.-W.'S NURSERY
& DISPLAY
GARDENS

PORTER
LANE

CENTERVILLE

BOUNTIFUL

SALT LAKE CITY

25 MILES

11 MILES

SALT LAKE CITY

COME SOON AND
OFTEN
NO OBLIGATION
ALWAYS WELCOME



A section of "Seed Trials" at
Centerville Display Gardens



Partial view of Evergreen
Nurseries at Centerville

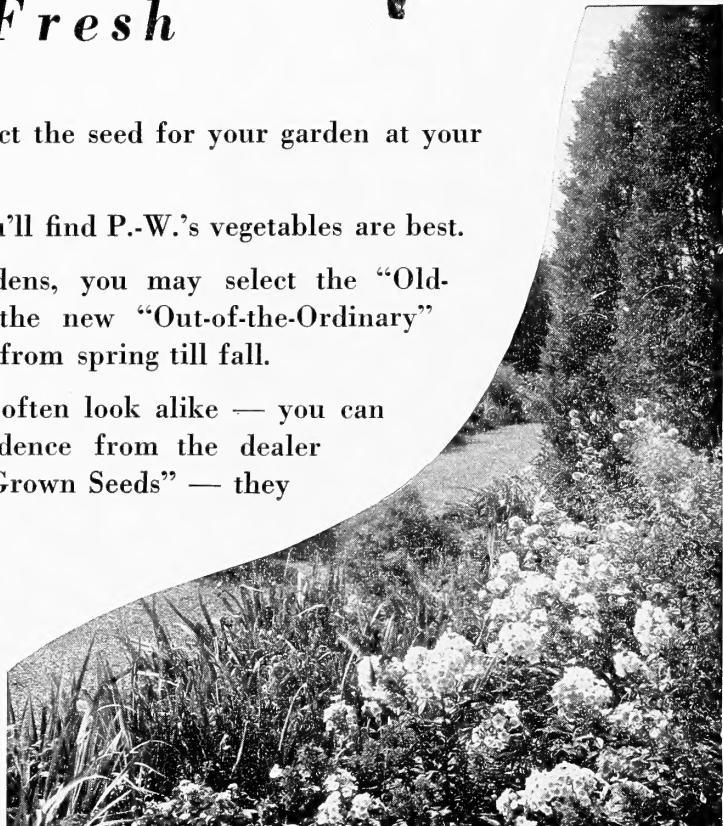


LOOK
for the
PORTER-
WALTON
DISPLAY
at Your
LOCAL
STORE

P.-W.'s TESTED
SEEDS
More Vitality
Finest Strains
Always Fresh

- You may conveniently select the seed for your garden at your neighborhood store.
- If it's a matter of taste, you'll find P.-W.'s vegetables are best.
- For delightful flower gardens, you may select the "Old-Fashioned" together with the new "Out-of-the-Ordinary" varieties to produce bloom from spring till fall.
- Good seed and poor seed often look alike — you can buy bulk seed with confidence from the dealer selling P.-W.'s "Mountain Grown Seeds" — they have a proven reputation.

With P.-W.'s "Mountain Grown" Acclimated Seeds you can make your Garden Dreams come true.



A Planting Chart for Vegetables

| Variety | Seed for 100 ft. Row | *Seed for 1 Acre | †Depth to Plant | §Put Rows Apart | §Leave Plants Apart in Row | ‡Time to Sow |
|-----------------------|-------------------------|---------------------|--------------------|--------------------|-------------------------------|-----------------------|
| ARTICHOKE (Jerusalem) | 3 lbs. | 300 lbs. | 3 in. | 3 ft. | 2 ft. | Spring |
| ASPARAGUS (Seed) | 2 oz. | 2 lbs. T. | 1 in. | 1 ft. | 3-5 in. | Early Spring |
| “ (Plants) | 100 plants | 1500-2500 | 4 in. | 2-5 ft. | 1 ft. | Early Spring |
| BEANS, Bush | 1 lb. | 60 lbs. | 1-2 in. | 18 in. | 3-4 in. | Late Spring |
| “ Pole | 8 oz. | 40 lbs. | 1-2 in. | 4 ft. | 4 ft. hills | Late Spring |
| BEETS, Table | 2 oz. | 5 lbs. | 3/4-2 in. | 12 in. | 2-4 in. | Spring (S) |
| “ Mangel | 2 oz. | 8 lbs. | 2 in. | 18 in. | 8 in. | Spring |
| BROCCOLI | 1 pt. | 8 oz. T. | 1/2 in. | 24 in. | 12-18 in. | Spring |
| BRUSSELS SPROUTS | 2 pkts. | 8 oz. T. | 1/2 in. | 24 in. | 16-24 in. | Early Spring |
| CABBAGE | 2 pkts. | 8 oz. T. | 1/2 in. | 24 in. | 12-18 in. | Early Spring |
| CARROT | 1 oz. | 4 lbs. | 1 1/2-3/4 in. | 12 in. | 3 in. | Spring |
| CAULIFLOWER | 1 pt. | 4 oz. T. | 1/4 in. | 30 in. | 24 in. | Spring |
| CELERY | 2 pkts. | 4 oz. T. | 1/8 in. | 20 in. | 6 in. | Spring |
| CHERVIL | 1 oz. | 2 lbs. | 3/4 in. | 18 in. | 3-4 in. | Early Spring |
| CHICORY | 1 pt. | 4 lbs. | 1/2 in. | 18 in. | 2-4 in. | Early Spring |
| CORN | 1 pt. | 10 lbs. | 1-2 in. | 24 in. | 24 in. hills | Late Spring (S) |
| CRESS | 1/2 oz. | 3 lbs. | 1-2 in. | 12 in. | 4 in. | Early Spring (S) |
| CUCUMBER | 2 pkts. | 3 lbs. | 1 in. | 12 in. | 4 ft. hills | Late Spring |
| EGG PLANT | 1 pt. | 4 oz. T. | 1/4 in. | 24 in. | 24 in. | Early Spring (H) |
| ENDIVE | 1/2 oz. | 4 oz. T. | 1 1/2-1 in. | 18 in. | 8-10 in. | Spring |
| HORSE RADISH | 70 roots | 10,000 | 4 in. | 30 in. | 14 in. | Spring |
| KALE | 1 pt. | 2 lbs. | 1/2 in. | 30 in. | 18 in. | Spring |
| KOHL RABI | 1 pt. | 4 lbs. | 1/2 in. | 18 in. | 4-6 in. | Early Spring |
| LEEK | 1/2 oz. | 4 lbs. | 1/2 in. | 12 in. | 4 in. | Early Spring |
| LETTUCE | 3 pkts. | 4 lbs. | 1/4 in. | 18 in. | 4-6 in. | Early and Late Spring |
| MELONS, Musk | 3 pkts. | 3 lbs. | 1-2 in. | 5 ft. hills. | 5 ft. | Late Spring |
| “ Water | 1 oz. | 4 lbs. | 1-2 in. | 8-10 ft. hills. | 8-10 ft. | Late Spring |
| MUSTARD | 1 pt. | 2-3 lbs. | 1/4 in. | 12 in. | 3 in. | Spring |
| OKRA | 2 oz. | 8 lbs. | 1 in. | 3 ft. | 24 in. | Late Spring |
| ONION | 1 oz. | 4 lbs. | 1/2 in. | 12 in. | 4 in. | Early Spring |
| “ Sets | 2 lbs. | 200 lbs. | 1 in. | 12 in. | 4 in. | Spring |
| PARSLEY | 1 pt. | 6 lbs. | 1/8 in. | 12 in. | 4 in. | Spring |
| PARSNIP | 2 pkts. | 5 lbs. | 1 1/2-1 1/2 in. | 15 in. | 5 in. | Early Spring |
| PEAS | 2 lbs. | 60-125 lbs. | 2-4 in. | 14 in. | 3 in. | Early Spring (S) |
| PEPPER | 1 pt. | 8 oz. T. | 1/4 in. | 24 in. | 18 in. | Early Spring (H) |
| POTATO, Irish | 10 lbs. | 1,000 lbs. | 4-8 in. | 24 in. | 12 in. hills | Spring |
| PUMPKIN | 10 pkts. | 3 or 4 lbs. | 1-2 in. | 6 ft. hills. | 6 ft. | Late Spring |
| RADISH | 2 oz. | 10 lbs. | 1/2 in. | 12 in. | 1 or 1 1/2 in. | Spring (S) |
| RHUBARB | 1/2 oz. | 1 lb. | 1 1/2 in. | 12 in. | 4 in. | Spring |
| “ Roots | 33 plants. | 2,420 | 3-4 in. | 4 ft. | 3 ft. | Early Spring (S) |
| SALSIFY | 2 oz. | 8 lbs. | 1 1/2-1 in. | 12 in. | 2 in. | Early Spring (S) |
| SPINACH | 1 oz. | 10 lbs. | 1 1/2-1 in. | 12 in. | 3-4 in. | Early Spring and Fall |
| SQUASH | 2 pkts. | 2-3 lbs. | 1-2 in. | 6 ft. hills. | 6 ft. | Late Spring |
| TOMATO | 1 pt. | 2 oz. T. | 1 1/2-1 1/2 in. | 4 ft. hills. | 4 ft. hills | Early Spring (H) |
| TURNIP | 3 pkts. | 3 lbs. | 1 1/2 in. | 12 in. | 4 in. | Spring (S) |

* “T.” marks those sorts, usually sown in beds and later transplanted to the garden or field.

(“H.”) means plant in hotbed and transplant to open ground later.

(“S.”) placed in this column means that those are grown for succession.

For the last planting of Beans, Sweet Corn, Peas and Radishes, or even Tomatoes, select the earliest varieties.

§ The usual distances are here given and the planter must use his judgment for his particular case.

† The Depth at which to plant seed cannot be given more than approximately. All seeds must have air, moisture and heat to germinate.

‡ “Early Spring,” means as soon as buds in the trees begin to swell and the ground can be worked.

“Spring” refers to those vegetables which are not so hardy as above, and are planted later because they do so much better.

“Late Spring,” is the time of year when the ground is well warmed and all frosts are passed.

HINTS FOR SUCCESS IN STARTING SEED

Preparing the Soil

A friable, sandy loam, good drainage, an open sunny exposure, and thorough cultivation are the most important factors in making the culture of vegetables a success.

The piece of land set aside for the culture of a variety of vegetables must, at least once a year, be thoroughly spaded or plowed to the depth of not less than 9 inches. Heavy clay soil should thus be worked up in the fall; atmospheric action during winter does more to improve the soil than manual labor with the best mechanical devices.

Planting

Avoid disappointment and possible failure by—

First—Plant when the soil is moist but never wet. Cover the seed immediately, firm the soil to bring the particles of earth in close contact with the seed, preventing drying out.

Second—Plant when the atmospheric and soil temperatures are most favorable for germination of the kind of seed that is to be planted.

Third—Cover the seed at the right depth.

developed to avoid injury to roots.

Starting Plants Indoors

The seed of tomato, pepper, egg plant, etc., may be started indoors in shallow wooden boxes 3 to 4 in. deep. Use a rich, loose soil, and plant the seed rows about 2 in. apart. Place in well lighted window and keep moist. When seedlings are 1 to 2 in. high, transplant to 2 in. apart each way. Before setting in the garden, “harden off” the plants by placing the boxes out of doors on mild days, protecting them at night until they are able to stand the weather without injury.

Hotbed and Cold-Frame Managing—Ask for leaflet.

Cultivating

Cultivation during the period of growth destroys weeds and loosens the ground so root development is encouraged, allows the air to enter, and helps to conserve moisture. Cultivate deep at first and shallow when the plants are nearly Transplanting

In transplanting the seedlings plants to the garden, handle carefully with a trowel to avoid injury to the roots. Plant immediately to prevent air from drying out the roots, firm the soil around the plants, and give sufficient water to thoroughly settle the soil.

Watering

Care should be taken that watering is done at proper intervals. The roots may be watered at any time, bearing in mind that one good soaking is better than many light sprinklings.

Feed Your Plants

—Nitrogen, Phosphorus, and Potash. Nitrogen produces luxuriant and rapid growth; Phosphorus strengthens growth, develops strong root systems, and increases productivity; Potash promotes sturdiness and gives better color to fruits and finer texture and flavor to vegetables and fruits. Vigoro, the complete plant food, is preferred by most growers. Use 3 to 5 lbs. per 100 sq. ft.

Protect Your Plants

If you are striving for an early crop of tomatoes, peppers, or vine crops, by using Plant Covers you can easily have fruits three weeks earlier.

If your garden is attacked by any insect pest, a simple insecticide application made when first noticed will effectively combat them.

Choose a
P. - W. Strain
and Grow a

Vegetable Garden of Quality



New Mary Washington

Brussels Sprouts

Improved Long Island—The flavor of these small sprouts or heads is more delicate than that of cabbage. The culture is the same as that for cabbage. Plants about 20 in. tall and stems are well covered with firm, round, cabbage-like balls about $1\frac{1}{2}$ in. in diameter, which mature in succession. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 65c.

Broccoli

Italian Green Sprouting—Cultivated like cabbage, it bears a succession of sprouting heads which, if cut, will be replaced by others for 8 or 10 weeks. Each sprout, about 4 in. long, ends in a small head of deep green buds. It resembles cauliflower except in color. Broccoli is a most delicious green vegetable. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.00.

Chives

An onion-like plant used as a salad and for flavoring soups. One sowing will answer for about three years. Pkt., 10c; $\frac{1}{4}$ oz., 25c; oz., 75c. Plants—see page 24.

Chicory

Large Rooted or Coffee—The roots, when dried, are used as a coffee substitute. The young leaves may be used in salad. Sow seeds early in Spring in rows about 2 ft. apart. Roots grow 12-14 in. long and 2 in. thick at top, tapered. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.

Bush Lima Beans

Lima beans are very susceptible to cold; therefore, delay planting until the ground is thoroughly warm—usually early May in the Salt Lake vicinity. They prefer a rich, light

Asparagus

Sow the seed in the early Spring. When roots are one to two years old, transplant to permanent location. Asparagus is rich in vitamins and very healthful. Plant a small area this Spring—don't put it off. If you want quick returns, we can supply 2-year-old roots (see page 24.) Given care, a bed of 500 sq. ft. will amply provide for an average family for 8 to 10 years. One ounce of seed will produce about 750 plants.

Mary Washington—An early rust-resistant variety that has for the most part replaced other sorts. It is a heavy producer. The shoots are of rich dark green with tightly folded tips. Introduced by the U. S. D. A., and surely the best strain grown. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c.

Artichoke

The Jerusalem type requires the same culture as given potatoes.

Jerusalem (Tuberous Rooted)—For hog pasture. When once established it is hard to kill out. Lb., 20c; 10 lbs., \$1.50, postpaid. Not prepaid, 100 lbs., \$8.50.

Collards

Georgia Southern or Creole—This is a tall, loose-leaved cabbage-like plant. Grown for table greens and for stock or poultry feeding. Sow seed early in rows and transplant or thin to 4 in. in the row. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 20c; lb., 50c.

Quantity Prices

| ASPARAGUS | Transportation Prepaid | | | 2 to 9 lbs. per lb. |
|----------------------------|---------------------------|-----------------------------|-----------------|---------------------------|
| | 1 lb. | .75 | .70 | |
| Mary Washington | | | | |
| BROCCOLI | | | | |
| Italian Green Sprouting | | 2.75 | 2.50 | |
| BRUSSELS SPROUTS | | | | |
| Improved Long Island | | 1.90 | 1.75 | |
| Transportation Not Prepaid | | | | |
| BUSH LIMA BEANS | 2 to 9 lbs. per lb. | 25 to 99 lbs. per lb. | 100 lb. bags | |
| Fordhook | .20 | .18 | 17.00 | |
| Burpee's Improved | .19 | .17 | 16.00 | |
| Henderson Bush | .16 | .14 | 13.00 | |
| SHELL BEANS | | | | |
| Great Northern | .08 | .06 | 4.75 | |
| Mexican Pinto | .10 | .08 $\frac{1}{2}$ | 7.50 | |
| Mexican Red | .08 | .06 | 4.75 | |
| Pink Eye | .15 | .12 | 11.00 | |

Prices fluctuate rapidly on Shell Beans. Write for today's prices.

soil, but if planting in heavier soils, germination will be aided by placing the seed on edge with the eye down. Fertilize for best results.

Fordhook—75 days. Plant is strong and erect; never straight or running. Heavily productive. The pods are borne in clusters of 4 to 8 each. Pods are 4-5 in. long, $1\frac{1}{4}$ in. wide, and as much as $\frac{1}{2}$ in. thick; contain 3 to 4 seeds.

Burpee's Improved—75 days. It is in large demand where a somewhat flatter seed than Fordhook is desired. Contains 4 to 5 seeds per pod. Plants are large and vigorous planted 3 feet apart, they often meet.

Henderson Bush (Baby Lima)—65 days. An early productive sort. Pods about $2\frac{3}{4}$ in. long, containing 2 to 4 beans of fine quality. Used for canning and dry beans.

Prices on all the above—Pkt., 10c; lb., 35c, prepaid.

Shell Beans

The quantity sown varies with soil conditions from 10 to 40 lbs. per acre.

Great Northern—60 days. Similar to White Navy, a little more elongated and larger. Lb., 15c, postpaid.

Pink Eye—65 days. Large white with pink spot at center. Lb., 20c, postpaid.

Mexican Pinto—65 days. Popular dry land variety. Lb., 20c, prepaid.

Mexican Red—65 days. Valuable for making "Chili." Lb., 20c, postpaid.



Brussels Sprouts

BEANS Stringless and Tender

Plant beans after all danger of frost is past in warm, dry well-prepared soil. Give shallow cultivation until blossoming begins, then stop to avoid root injury. For continuous supply of tender beans, sow every two weeks up to early August.

GREEN PODDED VARIETIES

P.-W.'s New Stringless Green Pod (Tendergreen)—53 days. Our stock of this variety has become so popular with our customers that today it stands out as the leading stringless green pod sort. Pods are 6-6½ in. long, and are absolutely stringless and free from fiber. They are nearly straight, dark green, and round. Plants are hardy, disease resistant, and dependable croppers.

P.-W.'s Improved Black Valentine—49 days. Well adapted for early shipping. Plants large, erect and prolific; attractive oval pods nearly straight, dark green, entirely stringless. It retains its color and texture in shipping a long distance. One of the best market beans and a profitable one to grow.

Full Measure—An outstanding variety for market growers; produces heavy yields when growing conditions are right, though not so disease resistant as other green pod sorts.

Burpee's Stringless Green Pod (Improved)—We offer a greatly improved Burpee's Stringless. Pods are longer, round, flesh more tender, less fibrous, and heavier yielding. A favorite for home use.

Stringless Refugee—70 days. Splendid canning variety. The young pods are especially fine for canning and pickling whole. Very productive. Pods are fine-grained, stringless, very fleshy, and brittle.

Broad Windsor (Horse Bean or Fava)—They are very productive and hardy; known to stand 28 degrees temperature. Europeans cook them while green, but the dried beans are very much in favor. They have high nutritive value. Pods are 1¼ in. broad, 5-7 in. long, and smooth.

PRICE, any of above varieties—Pkt., 10c; lb., 35c, postpaid.



P.-W.'s Imp. Pencil Pod

YELLOW PODDED VARIETIES

P.-W.'s Improved Pencil Pod—52 days. The best round-podded Wax Bean for the home gardener or market. Extremely productive, bearing magnificent straight, pencil-shaped pods, six to seven inches in length, of a rich golden-yellow color; beautifully rounded, meaty, fresh, brittle, solid and entirely stringless. Our stocks are carefully selected for vigor, high yield and true type.

Brittle Wax or Round Pod Kidney—52 days. Pods 6 in. long, waxy yellow color, round, slightly curved, and quite smooth. No string or fiber. Exceptional home garden, market, and canning qualities make Brittle Wax one of the most demanded Wax Beans.

Rustproof Golden Wax (Top Notch Strain)—50 days. Almost entirely resistant to bean rust. The straight, yellow pods are broad, flat, 5 in. long, stringless, and brittle. Heavy bearer. Fine home type or for early market.

Price—Any of above, pkt., 10c; lb., 35c, postpaid.

Pole and Running Beans

These require a pole or trellis if planted in the garden. In the open field they need no support whatever.

Blue Lakes—Used extensively by Intermountain and Pacific Coast canners for an asparagus type pack of green bean. Splendid for home use and will command high prices on local markets. Good climber, heavy producer, pods 5½ in. long, ½ in. wide, and almost ½ in. thick. Very fleshy, brittle, and tender.

Kentucky Wonder or Homestead—65 days. The pods are thick, meaty and deeply saddle-backed and entirely stringless. The best for all purposes.

Lazy Wife—72 days. Pods grown in abundance, about 6 inches in length, broad, thick and fleshy.

Price—Any of above varieties, pkt., 10c; ½ lb., 15c; lb., 30c, postpaid.

Pole Lima (Fordhook)—It has all the good characteristics of Fordhook Bush Lima—thick seed, straight, smooth pod, rich tenderness, and large pods. Bears three to four times as many per plant as the bush type. Pkt., 15c; lb., 45c, postpd.

Quantity Prices

Transportation Not Prepaid



GREEN PODDED VARIETIES

| | 2 to 9 lbs. per lb. | 25 to 99 lbs. per lb. | 100 lb. bags per lb. |
|-------------------------------------|---------------------------|-----------------------------|----------------------------|
| Broad Windsor | .17 | .15 | .14 |
| Burpee's Stringless Green Pod, Imp. | .15 | .13 | .11 |
| Full Measure | .15 | .13 | .12 |
| Improved Black Valentine | .15 | .13 | .12 |
| New Stringless Green Pod | .16 | .14 | .13 |
| Stringless Refugee | .15 | .13 | .12 |

YELLOW PODDED VARIETIES

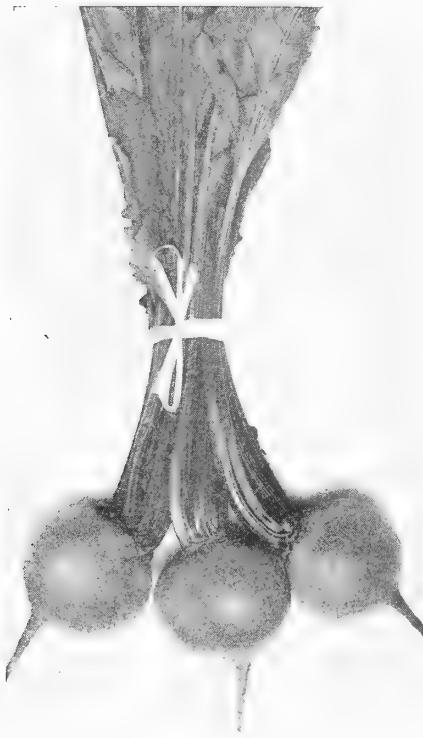
| | 2 to 9 lbs. per lb. | 25 to 99 lbs. per lb. | 100 lb. bags per lb. |
|--------------------------------|---------------------------|-----------------------------|----------------------------|
| Brittle Wax (Round Pod Kidney) | .16 | .14 | .13 |
| Improved Pencil Pod | .16 | .14 | .13 |
| Rust-Proof Golden Wax | .16 | .14 | .13 |

POLE AND RUNNING VARIETIES

| | 2 to 9 lbs. per lb. | 25 to 99 lbs. per lb. | 100 lb. bags per lb. |
|----------------------|---------------------------|-----------------------------|----------------------------|
| Blue Lakes | .16 | .14 | .13 |
| Kentucky Wonder | .16 | .14 | .12 |
| Lazy Wife | .16 | .14 | .13 |
| Pole Lima (Fordhook) | .25 | .23 | .22 |

P.-W.'s New Stringless Green Pod

TABLE BEETS – Rich in Vitamins



Detroit Dark Red Beet
(Perfected Strain)

Fordhook Giant—The rich, dark green leaves are very crinkled, thick, and superior in flavor. The wide pearly-white stems are delicious if prepared like Asparagus. The appealing dark green color makes Fordhook the best variety. Pkt., 5c; oz., 10c; 1/4 lb., 30c.

Lucullus—A very popular light green variety esteemed for its mild, spinach-like flavor. Pkt., 5c; oz., 10c; 1/4 lb., 25c.

Cress

Half-ounce 100 foot of row

Splendid for salad, garnishing. Sow seed one foot apart in open ground. Sow often for succession, as it soon runs to seed.

Extra Curled or Pepper Grass—The leaves of this small salad are much frilled or curled, and are used for garnishing. Pkt., 5c; oz., 10c; 1/4 lb., 25c; lb., 60c, postpd.

True Water—The seed is usually sown and lightly covered in gravelly, mucky lands along the borders of small, rapid streams. Pkt., 10c; oz., 35c; 1/4 lb., \$1.15; lb., \$4.00, postpaid.

Chinese Cabbage

A cheap green feed for poultry, known to yield three tons in a space 40x60 feet. A half pound Chinese Cabbage seed will furnish enough greens to feed about 1000 hens for 4 months. It is also highly prized as a salad vegetable. When shredded, makes a delicious cold slaw.

Pe-Tsai—60 days. Produces 5 to 7-pound heads 15-18 in. long. The heart is pure white, tender, sweet and crisp. Keeps until early spring if placed in the cellar. Pkt., 10c; oz., 20c; 1/4 lb., 55c.

Wong Bok—Head 8-10 in. tall; broad, firm, excellent quality, crisp and delicious, tender and juicy. Pkt., 10c; oz., 20c; 1/4 lb., 55c.

Quantity Prices Transportation Prepaid

BEETS
Detroit Dark Red, Perfected Strain.....

| | 1 lb. | 2 to 9 lbs. per lb. | 10 lbs. or over per lb. |
|---|-------|------------------------|-------------------------------|
| Detroit Dark Red, Perfected Strain..... | .80 | .75 | .70 |
| Early Blood Turnip | .75 | .70 | .65 |
| Early Crosby Egyptian | .80 | .75 | .70 |
| Early Flat Egyptian | .75 | .70 | .65 |
| Early Wonder | .80 | .75 | .70 |
| Good for All | .80 | .75 | .70 |

SWISS CHARD

Fordhook Giant

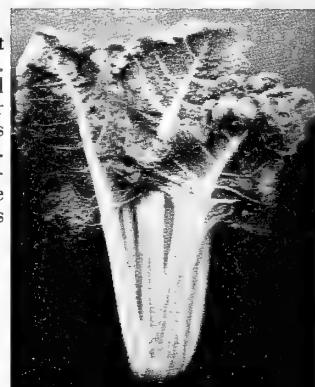
Lucullus

CHINESE CABBAGE

Pe-Tsai

Wong Bok

| | |
|------|------|
| 1.35 | 1.25 |
| 1.35 | 1.25 |



Swiss Chard (Spinach Beet)



Wong Bok

CABBAGE For All Seasons

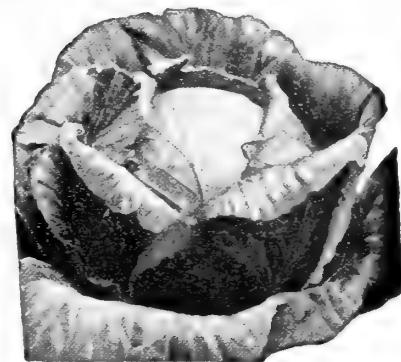
One ounce of seed will produce 1500 to 2000 plants in open ground or about 3000 in frames. It requires 4 to 8 oz. of seed to produce plants for an acre of ground.

See Planting Chart, page 5

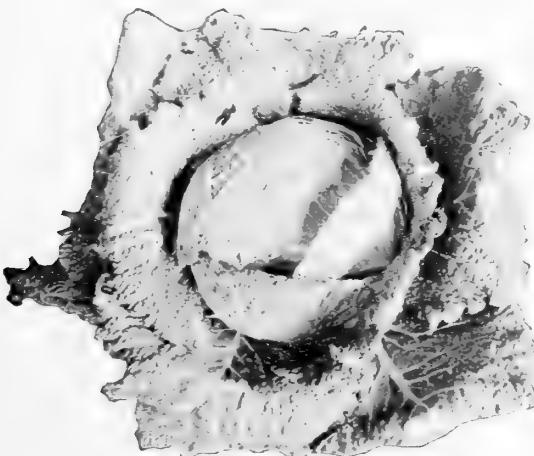
Copenhagen Market—70 days. This fine early market garden strain will satisfy the most critical trade. Short stemmed, heads uniformly large, round, solid and excellent quality. The light green leaves are always tightly folded; the plants may, therefore, be set closer. Vigorous grower, good yielder and an excellent keeper. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 65c.

P.-W.'s Golden Acre—60 days. The earliest cabbage. Heads are round like Copenhagen Market but smaller. Plants are small, short stemmed, and compact. This is one of the most profitable for market growers. Ours is a true strain from the most reputable Danish grower. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 65c.

P.-W.'s Early Jersey Wakefield—65 days. The entire crop can be marketed very early, grows compact with nearly oval, deep green leaves. Short stem, medium size, very solid, pointed heads of excellent quality. The best extra early pointed headed cabbage. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 65c.



Copenhagen Market



Perfection Drumhead (Savoy)

P.-W.'s Danish Ball Head, Short Stem Amager Strain—

We are proud of this stock and fully recommend it to our customers as the most outstanding Danish Ball Head offered anywhere. The heads are nearly round, extremely solid, and remarkably heavy. It is vigorous, uniform, and sure to head. They are outstanding keepers in storage. We offer 1 lb. sealed bags, Certified by the Danish State. It is the only cabbage strain accorded this singular honor. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 65c.

P.-W.'s Danish Ball Head

is not only a wonderful cabbage for the table during the Winter, but the very best for Kraut. Plant it liberally for both home and market.

ABOUT PESTS—If bothered with cabbage worms, use P.-W.'s Nico Dust, and for cabbage louse or aphis, Black Leaf 40 is effective. See page 88.

Savoy Cabbage

Perfection Drumhead—90 days. This is the leader of the Savoy types for general use. It is an excellent keeper. Heads are nearly round, about seven inches in diameter. Price—Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 65c.

As with all other seeds, our selections of cabbage stocks are positively from the best sources of supply, and the best strains obtainable, as proven by test.

Glory of Enkhuizen—80 days. Widely used for kraut and for shipping. Matures between Copenhagen Market and Ball Head. Heads are attractive, round, solid, and medium in size. Diameter, 7-8 inches; weight, 5-8 lbs. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 65c.

Danish Round Head—105 days. Very similar to our Danish Ball Head in all of its characteristics. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 65c.

Premium Flat Dutch—105 days. Heads extremely large, flat but deep, and solid. An excellent late type. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 65c.

Winnigstadt—77 days. Sure to head, conical shape, very hard; a good keeper. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c.

Red Cabbage

Red Stonehead—110 days. The largest and best red cabbage. Heads are round, extremely hard, color a deep purplish-red, and an excellent keeper. Price—Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c.

For Cabbage Plants, see page 24.

Quantity Prices Transportation Prepaid

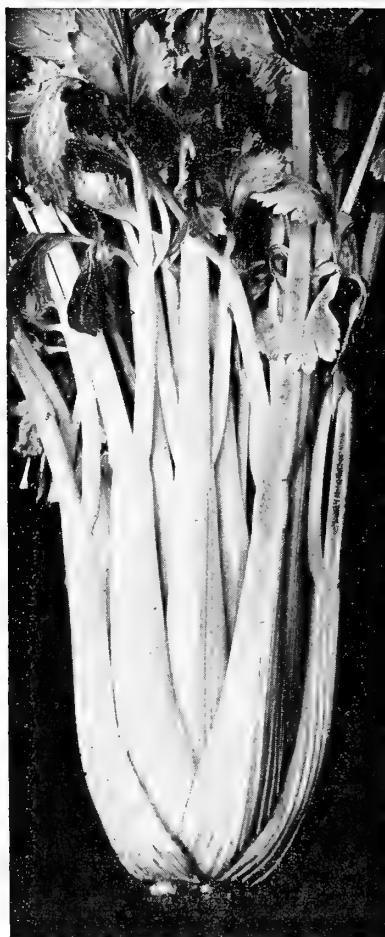
CABBAGE

| | 1 lb. | per lb. |
|-----------------------------|--------|---------|
| Copenhagen Market | \$1.85 | \$1.75 |
| Danish Ball Head | 2.00 | 1.85 |
| Danish Round Head | 2.00 | 1.85 |
| Golden Acre | 2.10 | 1.95 |
| Glory of Enkhuizen | 1.85 | 1.75 |
| Jersey Wakefield | 2.00 | 1.85 |
| Premium Flat Dutch | 1.85 | 1.75 |
| Winnigstadt | 2.00 | 1.85 |
| Perfection Drumhead (Savoy) | 2.00 | 1.85 |
| Red Stonehead | 2.75 | 2.60 |



P.-W.'s Danish Ball Head

CELERY-The Health Food Delicacy



P.-W.'s Improved Utah Celery

P.-W.'s Perfection (Super Snowball)—65 days. "No better seed can be bought at any price." It is adapted for either early or late Fall use. It possesses all the good qualities of the best Early Snowball strains. The leaves are longer and enfold closely over the heads. The inner leaves almost cover the snow-white heads, bleaching them nicely, thus avoiding the necessity of early tying of the leaves. Pkt., **10c**; $\frac{1}{4}$ oz., **75c**; oz., **\$2.00**.

Danish Giant (Dry Weather)—About ten days later than "Snowball." Has slightly larger heads and is adapted to withstand dry weather conditions. Pkt., **10c**; $\frac{1}{4}$ oz., **65c**; oz., **\$1.75**.

New Snowdrift—Also known as "White Mountain" and "Improved Holland Erfurt," which our tests show are merely other names for this splendid variety. This strain will produce a more satisfactory yield under extreme weather conditions than any other Snowball strain we know. The heads are somewhat larger than the old type Snowball, and it matures with more evenness. Pkt., **10c**; $\frac{1}{4}$ oz., **75c**; oz., **\$2.00**.

Early Snowball—55 days. The well-known standby. It is just as good as ever. Suitable for either early or late planting. Pkt., **10c**; $\frac{1}{4}$ oz., **65c**; oz., **\$1.50**.

Cauliflower Plants—See page 24.

Quantity Prices Transportation Prepaid

| | $\frac{1}{4}$ lb. | 1 lb. |
|-----------------------------|-------------------|---------|
| CAULIFLOWER | | |
| Danish Giant (Dry Weather) | \$5.25 | \$18.00 |
| Early Snowball | 5.00 | 17.00 |
| New Snowdrift | 7.00 | 25.00 |
| Perfection (Super Snowball) | 5.75 | 20.00 |

See page 5 for Planting Chart

One ounce 1500 plants; half-pound to transplant an acre
Celery contains Vitamins A, B, C, D, and necessary mineral salt.

P.-W.'s Improved Utah—The far-famed Utah Celery so much in demand. 125 days. Developed by the local gardeners. Its superior qualities give it exclusive control of the local celery market. It has double the amount of heart of any known celery. The plant is beautiful in appearance, of close habit and compact growth, and blanches to a creamy-white. Ribs perfectly solid, crisp and of a delicious nutty flavor. Our true strain produces the most uniform, large, compact plants of any stocks produced in Utah. Pkt., **20c**; $\frac{1}{4}$ oz., **30c**; oz., **85c**; $\frac{1}{4}$ lb., **\$3.00**; lb., **\$10.00**, postpaid.

Re-Selected Strain Imp. Utah—125 days. Awarded first place by experts judging Davis County Fair exhibits. Pkt., **25c**; $\frac{1}{2}$ oz., **\$1.20**; oz., **\$2.25**; $\frac{1}{4}$ lb., **\$8.00**.

Golden Self Blanching—Of quick growth, easy and self-blanching character, combined with handsome appearance and crisp, sweet flavor. It is a good early Celery for home gardens and local markets. Pkt., **10c**; oz., **40c**; $\frac{1}{4}$ lb., **\$1.20**; lb., **\$4.00**, postpaid.

P.-W.'s Wonderful or Golden Plume—110 days. Rightly named "Wonderful." Distinct type, ten to twelve days earlier than Golden Self-Blanching and very much superior. Plants are very large in size, short, stout, stocky, and full of heart. Blanches easily. Pkt., **10c**; oz., **50c**; $\frac{1}{4}$ lb., **\$1.50**; lb., **\$4.75**, postpaid.

Giant Pascal—Large, thick, solid, round stalks. Pkt., **10c**; oz., **25c**; $\frac{1}{4}$ lb., **70c**; lb., **\$2.75**, postpaid.

Celery Plants—See page 24.

Celeriac (Turnip Rooted Celery)

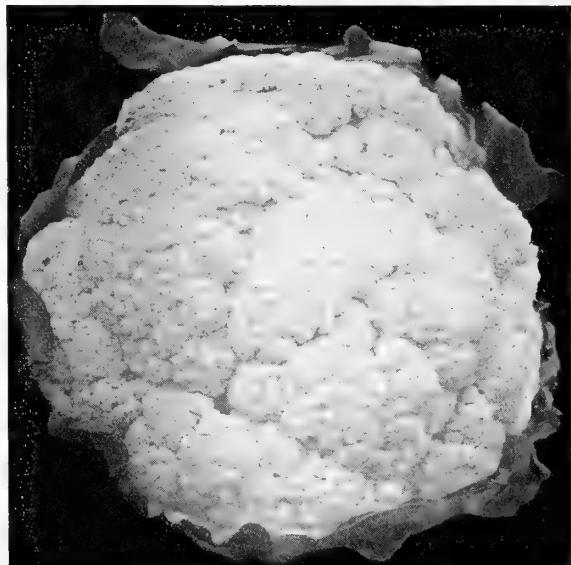
Culture—Handled exactly like Celery described above, excepting that no blanching is necessary. Celeriac is grown for the root only, which, boiled until quite tender and served cold with a French dressing, is a most delicious salad.

Giant Smooth Prague—120 days. A very large and smooth variety. Pkt., **5c**; oz., **25c**; $\frac{1}{4}$ lb., **75c**; lb., **\$2.00**, postpaid.

P.-W's CAULIFLOWER

Watch Your Vitamins

CAULIFLOWER Contains Water Soluble B



P.-W.'s Perfection (Super Snowball)

Plant CARROTS For Table Use

See page 5 for Planting Chart

One ounce 100 feet of row; 4-6 lbs. per acre

Imperator—77 days. An outstanding bunching carrot. The carrots are often eight inches long, smooth, somewhat tapering, and deep orange in color. We offer the pure strains. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c.

Chantenay Red Cored—70 days. An improvement over the old style Chantenay, both for market and canning. The flesh and core is reddish-orange, fine-grained, and tender. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c.

Greater Chantenay or Long Type—70 days. It grows about an inch longer and is not quite so pronounced at the shoulders as the other Chantenay types. Our stocks are a highly refined Red Cored strain developed for a market gardener's bunching carrot. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c.

Danvers Half Long—75 days. A heavy cropper for home and market garden. Roots, 6-8 in. long, about $1\frac{1}{4}$ in. in diameter, tapering to a blunt end. Flesh, bright orange, crisp, and tender. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c.

Oxheart (Guerande)—75 days. Thick and blunt-rooted, about 5 inches long; a rapid grower. Color, orange-red. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c.

Nantes, Coreless—68 days. Used extensively for bunching and busheling. Very attractive, 6-7 in. long, smooth, cylindrical, and stump-rooted. They are entirely coreless and of exceptionally fine quality. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c.

Supreme Half-Long—"A Red-Cored Danvers." A really fine carrot for both bunching and busheling. The tops are not too large, the roots are a good size and very attractive, deep orange in color, and quite smooth. Its small core is the same deep orange as outer flesh. Pkt., 5c; oz., 15; $\frac{1}{4}$ lb., 40c.

Carrots, raw, contain vitamin fat soluble A, water soluble B and water soluble C.

CARROTS For Stock Feeding

WISE FARMERS AND STOCKMEN WILL DEVOTE A LIBERAL ACREAGE TO THIS CROP.

(4-5 lbs. per acre)

Improved Long Orange—Roots long, thickest near the crown, tapering regularly to a point; color deep orange.

Mastodon—Very productive, large white.

Improved Short White—Most productive for stock feeding.

Any of Above—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c.

Quantity Prices Transportation Prepaid

| CARROTS | 2 to 9 | 25 to 99 | STOCK CARROTS | lbs. | lbs. |
|---------------------|--------|--------------|---------------|-----------------------|--------------|
| | 1 lb. | lbs. per lb. | | 1 lb. | lbs. per lb. |
| Chantenay Red Cored | .90 | .85 | .75 | | |
| Danvers Half Long | .90 | .85 | .75 | | |
| Greater Chantenay | 1.25 | 1.15 | 1.10 | Improved Long Orange | .90 |
| Imperator | 1.00 | .95 | .85 | Improved Short White | .90 |
| Nantes—Coreless | 1.50 | 1.35 | 1.20 | Mastodon | .90 |
| Oxheart (Guerande) | .90 | .85 | .75 | ENDIVE | |
| Supreme Half-Long | 1.25 | 1.15 | 1.10 | Broad Leaved Batavian | 1.00 |

P.-W.'s Red Cored
Chantenay

EGG PLANT

See page 5 for Planting Chart
One ounce to 1000 plants.

Black Beauty—Earliest and best of all large fruited Egg Plants. The grand, large fruits are thick and most attractive, rich, lustrous, purplish black. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00, postpaid.

PLANTS—See page 24.

Endive

A salad vegetable valuable for Winter use. Sow in June or July, in rows, and thin to about six inches. One ounce 300 feet. 4 to 5 pounds per acre.

Broad Leaved Batavian—Broad, more or less twisted and waved green leaves with thick white mid-ribs. Unsurpassed for salads. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c.

Green Curled—Very curly. The mid-ribs being wide and whitish, with the outer edges very much indented. Very attractive. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c.



P.-W.'s New Imperator



Black Beauty Egg Plant

SWEET CORN for Roasting Ears

1 pkt. for 100-ft. row; 10 lbs. per acre — See planting chart page 5

The figures immediately following the name of the variety is about the number of days from planting until eating stage.

Golden Sunshine—65 days. The ears are medium long and plump, 7-8 in. and 10-12 rows of fine quality corn. Plants, 5-5½ ft. tall with one to two ears per stalk. Extremely early. Pkt., 10c; lb., 30c, postpaid.

Golden Early Market—63 days. An important market garden variety. Ears, 6-7 in.; 12-14 rows of close-fitting kernels. Plants grow 4½-5 ft. tall. Good flavor and heavily productive. Pkt., 10c; lb., 30c, postpaid.

Golden Bantam, Standard—72 days. America's most popular sweet corn. Eight rows of even, broad, fairly deep golden kernels of most delicious flavor. Ears, 7-8 inches long; stalk averages 5 ft. Pkt., 10c; lb., 30c, postpaid.

Golden Bantam, Improved—67 days. About a week earlier than the standard and equal in quality. Ears 6-7 in. in length. Pkt., 10c; lb., 30c, postpaid.

Golden Rod (Bantam Evergreen)—89 days. Cross between Stowell's Evergreen and Golden Bantam. Plants, 6-7 ft. high; ears, 8-10 in. in length, filled with 12 rows of deep, succulent kernels, creamy-yellow. Pkt., 10c; lb., 30c, postpaid.

OTHER GOOD SORTS

Black Mexican—(97) Very tender and sweet; good producer.

Country Gentleman—(97) Grand old "standby" for main crop or for canning.

Early Mayflower—(75) Ears are pure white, sugary and larger than most other extra early varieties.

Early Minnesota—(84) Ears about 8 in. long; early; kernels broad, sweet and tender.

Stowell's Evergreen—(98) The standard main crop variety. The ears about seven to eight inches long, fourteen to twenty rowed, with very white grain.

Price of any of above varieties—Pkt., 10c; lb., 30c, postpaid.

HYBRID SWEET CORNS

Advantages of Hybrid Sweet Corn—Uniformity in maturity dates. Disease resistant and higher yielding. Trueness of type and excellent of flavor. Greater drouth resistance because of their deeper and more abundant root systems.

Golden Cross Bantam—93-95 days. The most prolific of the yellow sweet corns; produces at least 40% more good marketable ears than ordinary stocks. The ears are considerably larger than Golden Bantam, containing 10 to 14 rows of kernels, slightly lighter in color. The plant is sturdy, with broad, dark green leaves. Pkt., 15c; lb., 40c, postpaid.

Improved Bancross—80 days. This is a top cross between Improved Golden Bantam and inbred of the Golden Early Market, giving this variety increased earliness of the Early Market and still retaining the good points of the Improved Bantam. Produces stalks to the height of 62 inches, and bears good roasting ears 80 days from planting. Pkt., 15c; lb., 40c, postpaid.

Marcross—85 days. This early wilt-resistant yellow hybrid grows to an average height of 63 inches and matures roasting ears 85 days from planting. The ears are 6 to 7 inches long with 12 to 14 rows of large, sweet kernels. Pkt., 15c; lb., 40c, postpaid.

Whipcross—92 days. Another later maturing yellow hybrid. Plant averages 82 in. It produces large, chubby ears 14 to 15 kernel rows. Produces roasting ears 92 days from planting. It is the heaviest yielding hybrid. It grows vigorously and is wilt-resistant. Pkt., 15c; lb., 40c, postpaid.

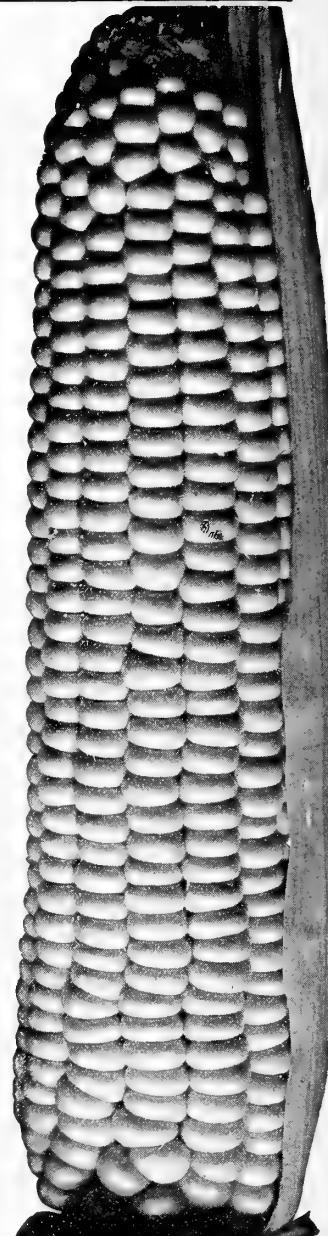
Pop Corn—See page 101.

QUANTITY PRICES

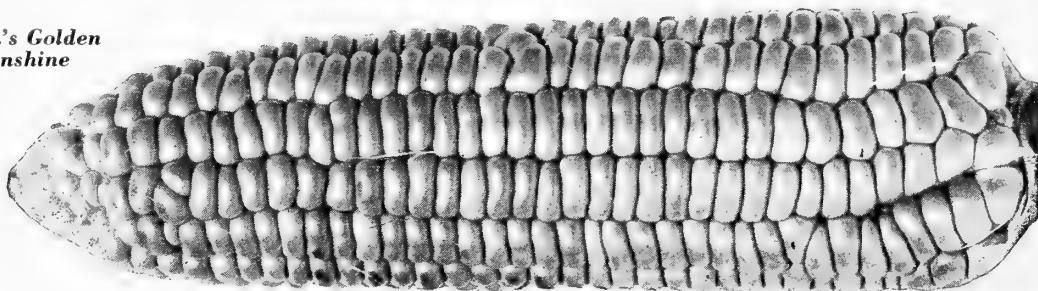
Transportation Not Prepaid

| | 2 to 24 lbs. per lb. | 25 to 99 lbs. per lb. | 100 lbs. | 2 to 24 lbs. per lb. | 25 to 99 lbs. per lb. | 100 lbs. per lb. | |
|---------------------|----------------------------|-----------------------------|----------|----------------------------|-----------------------------|---------------------|------|
| Golden Cross Bantam | .23 | .21 | .20 | Golden Bantam, Imp. | .15 | .12 | .11 |
| Improved Bancross | .23 | .21 | .20 | Golden Bantam, Std. | .15 | .12 | .11 |
| Marcross | .23 | .21 | .20 | Golden Early Market | .15 | .12 | .11 |
| Whipcross | .23 | .21 | .20 | Golden Rod | | | |
| Black Mexican | .15 | .12½ | .11½ | (Bantam Evergreen) | .15 | .12½ | .11½ |
| Country Gentleman | .15 | .13 | .12½ | Golden Sunshine | .15 | .12 | .11 |
| Early Mayflower | .15 | .12 | .11 | Stowell's Evergreen | .15 | .12 | .11 |
| Early Minnesota | .15 | .12 | .11 | | | | |

P.-W.'s Golden Sunshine



Oregon Evergreen



Pickles & Salads Use CUCUMBERS

See planting chart, page 5

The Colorado—(60 days) The finest slicing cucumber. Beautiful long, slender, dark green fruits, 9-12 in. long, that bring the highest prices on the critical markets. Popular because of its fine shape and intense color, which is maintained longer than that of most varieties. A heavy yielder. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.

Klondike White Spine—(58 days) Dandy long-distance shipper and very popular for pickling purposes. The deep green color holds well. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 30c.

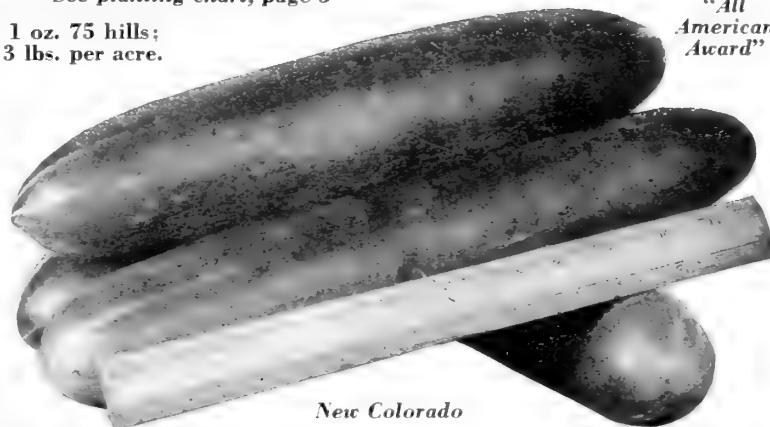
Improved Long Green—(62 days) Very vigorous and productive. Fruits long, often twelve to fifteen inches, uniformly slender, beautiful dark green. Probably the most extensively used variety for home garden and market. The stock we offer is second to none. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c.

Lemon—Used for pickles and salads. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c.

Use Hotcaps for Early Market—See page 95.

1 oz. 75 hills;
3 lbs. per acre.

"All
American
Award"



New Colorado

West Indian Gherkin—(50 days) It is quite distinct from Cucumber; is used for very small pickles. Fruits are about 2 inches long, 1 inch in diameter. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c.

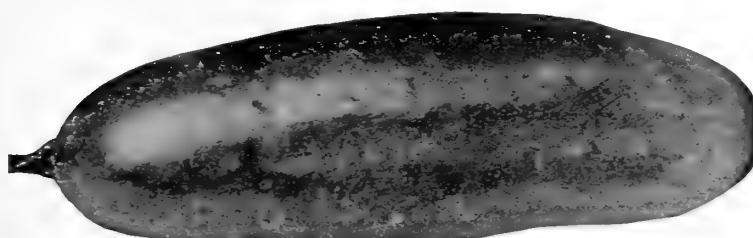
OTHER GOOD CUCUMBERS

The Black Diamond—"It stays green" (52 days) Fruits weigh $1\frac{1}{4}$ to $1\frac{1}{2}$ lbs., symmetrical, nearly square ended. Length 8-9 inches.

Davis Perfect—(58 days) Medium early, extra long dark green type.

Early Fortune—(58 days) Very productive and disease-resistant; fruits nine inches long.

Any of above varieties—Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 30c.



P.-W.'s Klondike White Spine

Boston Pickling—Very productive, extensively grown for pickles. Very smooth and symmetrical—flesh crisp and tender. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 30c.

P.-W.'s Longfellow Cucumber—(74 days) Fruits average 12 to 14 inches in length by $2\frac{1}{2}$ inches in diameter; dark green. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c.

Herbs

Pot, Culinary and Medical

Sow as early as the ground can be made ready, in drills 16 to 18 inches apart, taking pains that the soil is fine and pressed firmly over the seed, or they may be planted as a second crop—the seeds sown in beds in April and the plants set out in June. Most of them should be cut when in bloom, wilted in the sun and thoroughly dried in the shade.

Pkt. Oz. Pkt. Oz.
Anise, aromatic 10c 25c Rosemary, aromatic 10c 75c

Caraway, flavoring 10c 15c Sage, Common 10c 30c

Catnip, medicinal 10c 60c Culinary 10c 30c

Coriander, aromatic 10c 15c Savory, Summer 10c 20c

Dill, flavoring vinegar 10c 15c Horsemint, medicinal 10c 50c Culinary 10c 20c

Lavender, perfume 10c 50c Thyme, Broad-leaved 10c 50c

Marjoram, seasoning 10c 35c English seasoning 10c 50c

GARDEN SAGE PLANTS—Field grown, 25c each; \$2.50 per doz.

Horse Radish—See page 24.

Kale

A species of cabbage. The leaves are cooked as greens; not injured by frosts. Sow in Sept. in same manner as spinach.

One pkt. for 100 ft., 2 lbs. per acre

Dwarf Curled Scotch—Grows very low and compact, with large, bright deep green leaves curled, cut and crimped. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., 75c, postpaid.

Tall Green Early Scotch—Very hardy, not injured by March frost. About 30 inches tall. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., 75c.

CUCUMBERS

| | 2 to 9 lbs. | 25 to 99 lbs. | 25 to 99 lbs. |
|----------------------|----------------|------------------|------------------|
| Black Diamond | .90 | .85 | .80 |
| Boston Pickle | .90 | .85 | .80 |
| Colorado | 1.25 | 1.15 | 1.05 |
| Davis Perfect | .90 | .85 | .80 |
| Early Fortune | .90 | .85 | .80 |
| Improved Long Green | 1.00 | .90 | .85 |
| Klondike White Spine | .90 | .85 | .80 |
| Lemon | 1.50 | 1.35 | 1.25 |
| Longfellow | 1.35 | 1.25 | 1.15 |
| West Indian Gherkin | 1.25 | 1.15 | 1.05 |

P.-W.'s GARDEN OFFER No. 117

| | | |
|---------------------|-------------------|----------------------|
| 1 pkt. Peas, Early | 1 pkt. Sweet Corn | 1 pkt. Watermelon |
| 1 pkt. Peas, Late | 1 pkt. Cucumber | 1 pkt. Onion |
| 1 pkt. Beans, Green | 1 pkt. Cress | 1 pkt. Parsley |
| 1 pkt. Beans, Wax | 1 pkt. Egg Plant | 1 pkt. Pepper |
| 1 pkt. Beet | 1 pkt. Kohl Rabi | 1 pkt. Pumpkin |
| 1 pkt. Cabbage | 1 pkt. Leek | 1 pkt. Turnip |
| 1 pkt. Cauliflower | 1 pkt. Lettuce | 1 pkt. Radish, Long |
| 1 pkt. Carrot | 1 pkt. Muskmelon | 1 pkt. Radish, Round |
| 1 pkt. Celery | | 1 pkt. Tomato |

Above 26 Well-filled Packets

(Regular price, \$1.60, postpaid)

\$1.00



Dwarf Curled Scotch Kale

LETTUCE

Salad Favorite

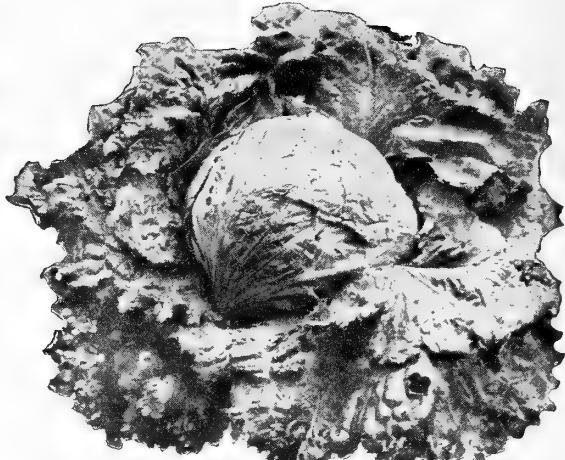
2 pounds per acre — See planting chart, page 5

Heading Types

Lettuce Imperial 847—This new Imperial strain is especially fine for late Spring and Summer growing. It is a black seeded variety that shows a remarkable resistance to heat. In a very few years it has become the leading sort with commercial shippers on the Coast and a few fields in Salt Lake Valley last Summer proved really outstanding. Plants, medium sized, low growing, and compact. Large, firm heads, dark green, and of fine quality. Pkt., 10c; oz., 30c; 1/4 lb., 90c.

New York No. 5-B—(77) A strain of New York lettuce. It is larger than the No. 12, more resistant to heat, being free from tip burn. It produces immense heads, often sixteen inches across, free from bitterness and does not have any tendency to run to seed under hot, trying conditions. Best of the types for Summer growing. Pkt., 10c; oz., 20c; 1/4 lb., 50c.

P.-W.'s N. Y. Lettuce No. 12—(77) A single plant selection from the regular New York or Los Angeles Market strain. It is early, makes large, solid heads, uniform in maturing. Price—Pkt., 10c; oz., 20c; 1/4 lb., 50c.



P.-W.'s N. Y. Lettuce Type of
No. 12 and 847

White Boston—(76) The leaves are of fine texture, heads solid and compact. Pkt., 5c; oz., 20c; 1/4 lb., 45c.

Hanson—(80) It is wholly free from bitter taste, having a sweet and rich flavor.

May King—(63) Fine for forcing and outside, medium size yellowish-green heads, very early.

Prices on any of above—Pkt., 5c; oz., 15c; 1/4 lb., 40c.

Curled or Loose Leaved (4 lbs. per acre)

Black Seeded Simpson—(45) This is one of the best; leaves, large, thin and exceedingly tender.

Early Curled Simpson—(45) A popular early sort, forming a large, loose head.

Prizehead—(47) Large, loose headed sort; leaves tinged with brown, very heavy.

Prices on any of above—Pkt., 5c; oz., 10c; 1/4 lb., 35c.

Cos or Romaine Lettuce

Trianon—(66) The best of this type. Forms large, light green plant with head well folded, quite solid. The flavor is different from ordinary and esteemed by many. Tie plants to blanch them or plant closely, 5 inches apart. Pkt., 10c; oz., 15c; 1/4 lb., 40c.

Quantity Prices

| LETTUCE | Transportation Prepaid | | |
|----------------------|------------------------|---------------------|---------------------|
| | 2 to 9 lbs. | 100 lbs. per lb. | 100 lbs. per lb. |
| Black Seeded Simpson | \$1.00 | .90 | .85 |
| Early Curled Simpson | 1.00 | .90 | .85 |
| Hanson | 1.10 | 1.00 | .95 |
| Imperial 847 | 1.75 | 1.60 | 1.50 |
| May King | 1.00 | .90 | .85 |
| New York No. 12 | 1.50 | 1.35 | 1.20 |
| New York No. 5-B | 1.50 | 1.35 | 1.20 |
| Prizehead | 1.00 | .90 | .85 |
| White Big Boston | 1.25 | 1.15 | 1.10 |
| Trianon | 1.25 | 1.15 | 1.10 |

Mushrooms

Mushrooms may be grown by anyone having a shed or cellar where a temperature of 50 to 60 degrees is evenly maintained. Full cultural directions with every order.

Pure Culture Spawn—One brick, 35c; 5 bricks, \$1.50; 10 bricks, \$2.50, postpaid.

Bottle Spawn, \$1.00 each.



Kohl Rabi Early White Vienna

Curled or Loose Leaf Lettuce

Kohl Rabi

Sow in rows 18 inches apart, cover 1/2 inch, and thin to 6 inches apart in the row. One ounce of seed sows 300 feet of row.

Early White Vienna—Very early, small tops, light green; bulbs medium size, best quality.

Early Purple Vienna—Bright purple bulb, leaves and stems green, tinged purple. Either of above—Pkt., 10c; oz., 20c; 1/4 lb., 60c; lb., \$1.75.

Leek

Seed should be planted in June for good plants in the Fall or Winter.

Giant Musselburgh—Best variety, having good thick stems which are also long, vigorous and mild flavored. Pkt., 5c; oz., 20c; 1/4 lb., 65c; lb., \$1.75, pstd.

Mustard

One ounce to 50 ft. row

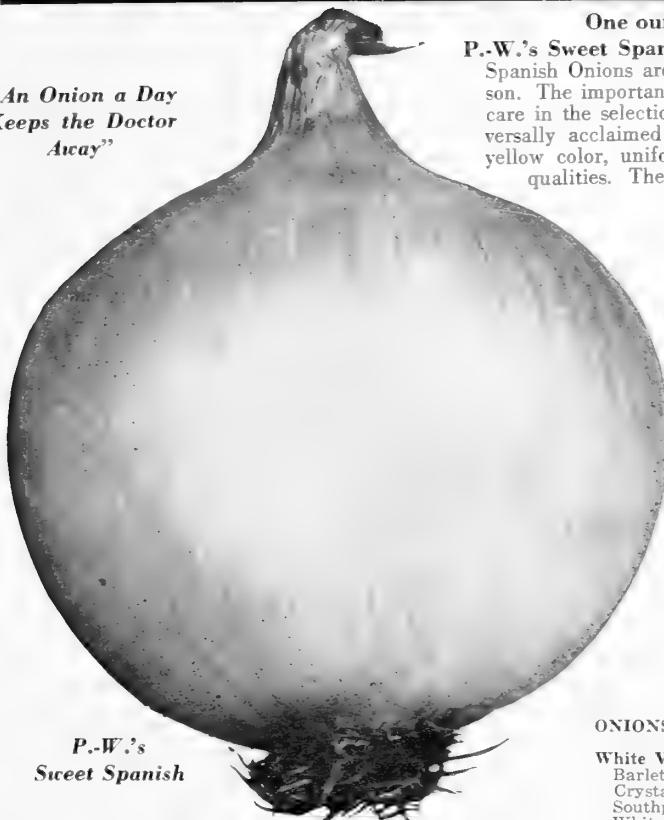
Excellent greens cooked the same as spinach. Sow in drills early in the Spring, and at intervals during the Summer.

Giant Southern Curled—Curled leaf, large. **Ford Hook Fancy**—Beautiful dark green leaves. **White English**—Leaves small and smooth.

Any of above—Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 50c, postpaid.

ONIONS Wholesome, Health Producing Food

*"An Onion a Day
Keeps the Doctor
Away"*



P.-W.'s
Sweet Spanish

Barletta—The best extra early small variety for pickling and green bunching. Bulbs are small, flat, pure white, of mild, sweet flavor. Sow about 50 lbs. per acre. Pkt., 10c: oz., 20c; 1/4 lb., 60c.

Crystal White Wax—Selected stock direct from the most critical grower on the Island of Teneriffe. Very large, white onion of the Bermuda type. The sweet, mild flavor and large size make it a ready seller on any market. Pkt., 10c: oz., 35c; 1/4 lb., 75c.

P.-W.'s White Sweet Spanish—Similar in shape, size and habits of growth to P.-W.'s Sweet Spanish Onion. It has a beautiful white skin which makes it a desirable onion for market. The flavor is unusually sweet and mild. Pkt., 10c: oz., 35c; 1/4 lb., 85c.

Southport White Globe (the finest white)—The largest and best pure white globe onion. For large market growers, it always commands the highest prices. Pkt., 10c: oz., 25c; 1/4 lb., 75c.

White Portugal or Silverskin—An all-purpose variety used in great quantity. Excellent for sets, pickling, green bunching, or for storage. A dependable cropper. Pkt., 10c: oz., 20c; 1/4 oz., 50c.

White Lisbon—The most popular bunch onion on many markets. Pkt., 10c: oz., 20c; 1/4 lb., 60c.

White Welsh—For bunching. Pkt., 5c: oz., 20c; 1/4 lb., 60c.

Other Yellow and Brown Varieties

Australian Brown—Medium size, brown skin, good keeper.

Ebenezer (Japanese)—This is a mild, firm, yellow onion: large—often 4 in. in diameter. The best yellow for sets.

Red Wethersfield—Well flattened, skin is a deep glossy purplish red. Flesh white.

Southport Red Globe—Globe-shaped, deep purplish red. Pkt., 10c: oz., 25c; 1/4 lb., 60c.

Southport Yellow Globe—Medium sized, splendid yellow globe, sure keeper. Pkt., 10c: oz., 25c; 1/4 lb., 60c.

Any of above—Pkt., 10c: oz., 25c; 1/4 lb., 60c.

One ounce 100 feet; 4-6 pounds per acre.

P.-W.'s Sweet Spanish (Utah Strain)—Hundreds of carloads of Sweet Spanish Onions are dispatched from Northern Utah districts every season. The importance of onions as a major Utah crop necessitates great care in the selection of a superior strain. Today "Utah Strain" is universally acclaimed for its excellence. Its superiority lies in its deep yellow color, uniformity of shape, trueness to type, and fine keeping qualities. They grow large in size with a heavy outside skin and white flesh that is very mild and sweet. Growers know it as the most profitable strain because of heavy yields—20% more marketable onions per acre are not uncommon—and freedom from bottlenecks. Pkt., 10c: oz., 25c; 1/4 lb., 80c.

Utah State Certified Seed—In 1 lb. bags. **\$3.50.**

P.-W.'s Early Sweet Spanish—This is one of the earliest, mildest and sweetest onions grown. It brings a premium for early market trade. (See color plate, page 2.) Pkt., 10c: oz., 25c; 1/4 lb., 65c.

P.-W.'s Mountain Danvers—A large, semi-globe shaped onion so well adapted to high altitudes and short season. Yields of 600 bags per acre are very common. Bulb is large, slightly flattened, of a beautiful bronze color, splendid keeper. Price—Pkt., 10c: oz., 25c; 1/4 lb., 65c.

ONION SETS AND PLANTS—See page 24.

GARLIC—See page 24.

Quantity Prices Transportation Prepaid

ONIONS

White Varieties

| | 2 to 9 lbs. | 100 lbs. per lb. | 100 lbs. per lb. |
|-----------------------------------|----------------|---------------------|---------------------|
| Barletta | \$1.60 | \$1.45 | \$1.35 |
| Crystal White Wax (White Bermuda) | 2.00 | 1.85 | 1.75 |
| Southport White Globe | 2.00 | 1.85 | 1.75 |
| White Lisbon | 1.75 | 1.60 | 1.50 |
| White Portugal (Silverskin) | 1.60 | 1.50 | 1.40 |
| White Sweet Spanish | 2.25 | 2.15 | 2.00 |
| White Welsh | 1.60 | 1.45 | 1.35 |

Yellow and Brown

| | | | |
|--------------------------------------|------|------|------|
| Australian Brown | 1.50 | 1.35 | 1.25 |
| Ebenezer (Japanese) | 1.50 | 1.35 | 1.25 |
| Mountain Danvers | 1.75 | 1.60 | 1.50 |
| Southport Yellow Globe | 1.50 | 1.35 | 1.25 |
| Sweet Spanish (Utah Strain) | 2.50 | 2.35 | 2.25 |
| Sweet Spanish (Utah Cert) 1 lb. bags | 3.50 | 3.50 | 2.90 |
| Early Sweet Spanish | 2.25 | 2.00 | 1.90 |

Red Varieties

| | | | |
|------------------|------|------|------|
| Red Wethersfield | 1.50 | 1.35 | 1.25 |
|------------------|------|------|------|



P.-W.'s White Sweet Spanish

MUSKMELONS—Delicious Cantaloupes



Burrell's Improved Hales Best No. 36

Burrell's Gem or Defender—95 days. An oval pink-fleshed melon with a small triangular seed center. The flesh is sweet and spicy. Pkt., 5c; oz., 15c; 1/4 lb., 40c.

Hales Best No. 36—85 days. Desirable for any purpose—home garden, roadside stands, and shipping. The flesh is very thick and richly flavored. Pkt., 5c; oz., 15c; 1/4 lb., 40c.

Hales Best No. 936—87 days. This is the Jumbo type of the No. 36 strain. It is in great demand and serves well those who desire a large melon of this type. Pkt., 5c; oz., 15c; 1/4 lb., 40c.

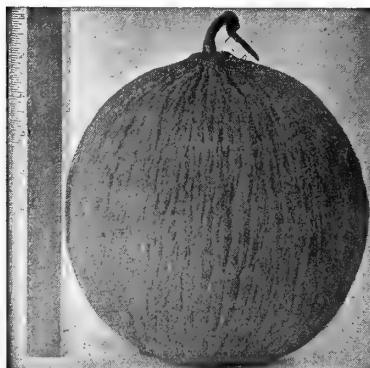
Hearts of Gold Improved—88 days. A fine shipping melon as well as general purpose. Medium size, round, and well netted. Flesh orange yellow, excellent flavor, firm, and holds up well. Pkt., 5c; oz., 15c; 1/4 lb., 40c.

Casaba Melons

Cultivate same as other melons but do not water too freely after first setting of fruit is fully grown.

Honey Dew (Green Flesh)—110 days. Very popular because of its honey-like flavor. Fruits are round, about 7 in. in diameter, smooth and hard, suitable for long-distance shipping. Excellent keepers. The thick, green flesh is sweet and tender. Pkt., 5c; oz., 15c; 1/4 lb., 45c.

Imperial Special—95 days. A white melon of the Honey Dew family. Round in shape, heavily netted, early maturing, and will ship well when fully vine-ripened. Flesh is golden color, very thick, and fine flavored. Pkt., 5c; oz., 15c; 1/4 lb., 50c.



Golden Beauty Casaba

Oz. 50 hills; 2-3 lbs. per acre—See planting chart page 5

Perfecto Imp. or Superfecto—92 days. One of the best cantaloupes for late shipping market. The flesh is fine grained, thick, and orange in color. It has about the smallest seed cavity of any melon. Pkt., 5c; oz., 15c; 1/4 lb., 40c.

Pollock 10-25—95 days. It is identical to Rocky Ford except the flesh is salmon. Fruits are uniform, heavily netted, with no ribs, and vines are rust-resistant. Pkt., 5c; oz., 15c; 1/4 lb., 40c.

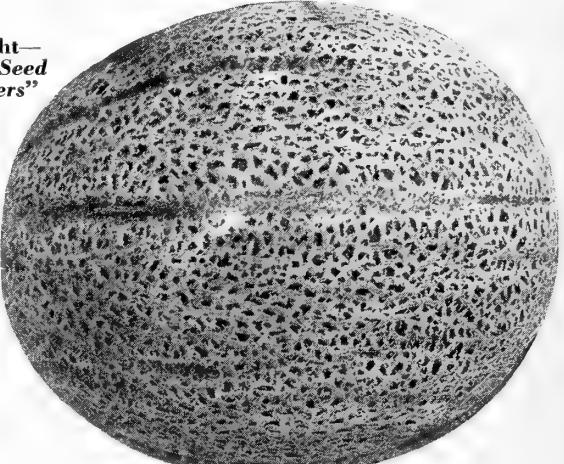
Rocky Ford (Green Flesh)—95 days. It is popular everywhere because of its extraordinary spicy flavor which would surely be difficult to improve. Fine for home and market gardens. Pkt., 5c; oz., 15c; 1/4 lb., 40c.

Golden Beauty—105 days. Most popular of the Casabas. It has a golden color when mature, with a wrinkled skin. Flesh is white, sweet, and spicy. Pkt., 5c; oz., 15c; 1/4 lb., 45c.

Improved Hybrid—105 days. A large sized Casaba, quite similar to Golden Beauty. An excellent kind. Pkt., 5c; oz., 15c; 1/4 lb., 45c.

Persian—102 days. This melon has a distinctive flavor. It is of tropical origin, usually round in shape, finely netted. Flesh is very thick, pink in color, fine flavor. Pkt., 10c; oz., 20c; 1/4 lb., 50c.

At right—
"New Seed
Breeders"



New Seed Breeders—84 days. A new development in a hales Best shipping type. It is claimed that this stock will greatly out-yield other Hales Best strains because of fewer cull melons. Like No. 36 except the flesh is a darker pink. Pkt., 5c; oz., 15c; 1/4 lb., 40c.

Quantity Prices Transportation Prepaid

| | 2 to 9 lbs. | 10 to 100 lbs. per lb. |
|-------------------------------------|----------------|------------------------------|
| MUSKMELONS | | |
| Burrell's Gem or Defender..... | .90 | .85 .80 |
| Hales Best No. 36..... | .90 | .85 .80 |
| Hales Best No. 936..... | .90 | .85 .80 |
| Hearts of Gold Improved..... | .90 | .85 .80 |
| Honey Dew..... | 1.10 | 1.00 .95 |
| Imperial Special..... | 1.20 | 1.10 1.00 |
| New Seed Breeders..... | 1.00 | .95 .90 |
| Perfecto Imp. or Superfecto..... | .90 | .85 .80 |
| Pollock 10-25..... | .90 | .85 .80 |
| Rocky Ford..... | .90 | .85 .80 |
| Golden Beauty..... | 1.10 | 1.00 .95 |
| Improved Hybrid..... | 1.10 | 1.00 .95 |
| Persian..... | 1.35 | 1.25 1.20 |
| OKRA | | |
| Dwarf Green..... | .60 | .55 |
| White Velvet..... | .60 | .55 |
| PARSLEY —See page 19 | | |
| Paramount..... | .80 | .75 |
| Champion or Triple Moss Curled..... | .75 | .70 |
| Double Curled..... | .75 | .70 |

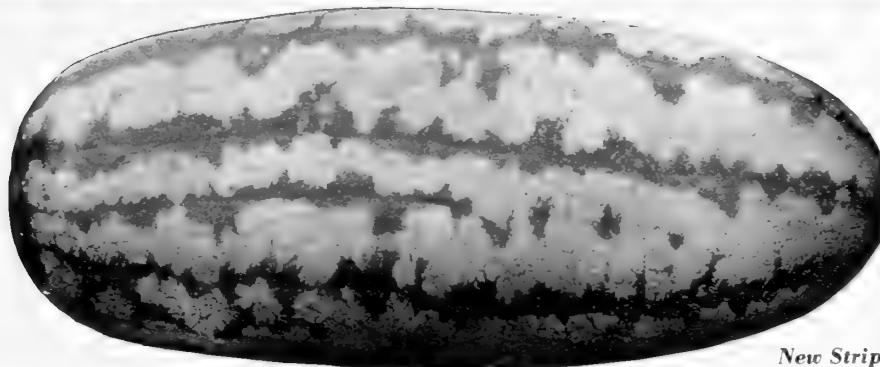
Okra (Gumbo) One oz. 50 feet of drill—See page 5

Dwarf Green—Pods 4-5 in. long; especially fine for home gardens. Pkt., 5c; oz., 10c; 1/4 lb., 25c.

White Velvet—Pods are 6-7 in. long, round, smooth, and attractive. Of superior flavor and tenderness until nearly full size. Pkt., 5c; oz., 10c; 1/4 lb., 25c.

Luscious, Refreshing

WATERMELONS



New Striped Klondike

4 oz. to 100 hills; 2-4 lbs. per acre. — See Planting chart page 5.

Improved Kleckley Sweet No. 6 (Wilt Resistant)—(88 days.) An improved type which has proven almost fully resistant to wilt. Pkt., 10c; oz., 15c; 1/4 lb., 40c.

Improved Kleckley's Sweet—(88 days.) A wonderful home garden melon. We know of none better in fine texture and sweet flavor. Pkt., 5c; oz., 10c; 1/4 lb., 30c.

Stone Mountain—(85 days.) Combines large size with earliness. Weight 50 lbs. or over, broad oval in shape, with bright crimson flesh. Fine home, market, or moderate distance shipper. Pkt., 5c; oz., 15c; 1/4 lb., 40c.

King and Queen (Winter)—(85 days.) An excellent shipper. Flesh is sweet and of fine texture. When properly stored, they remain edible for several months. The color is light cream with faint irregular green stripes. Seeds are quite small and very black. Pkt., 5c; oz., 10c; 1/4 lb., 30c. Pink Seeded—Pkt., 5c; oz., 10c; 1/4 lb., 30c.

New Striped Klondike—(90 days.) This attractive and universally popular shipping melon carries the highest sugar content of any commercial variety. The rind is thin, but strong; the flesh is solid and a bright red. Average weight, 27 lbs. Pkt., 5c; oz., 15c; 1/4 lb., 40c.

Klondike—(90 days.) The color is a solid dark green, showing light ribs running lengthwise. Its edible qualities are truly delicious. Its size, shape, and flesh is about the same as the Striped. Pkt., 5c; oz., 15c; 1/4 lb., 40c.

Early Kansas—(85 days.) Fine for local markets or home gardens. Fine texture, sweet flavor; flesh is a rich red color. Shape is nearly round; color, dark green outside with lighter shade stripes. Pkt., 5c; oz., 10c; 1/4 lb., 30c.

Dixie Queen—(85 days.) An enormous yielder. Melons are round to oval, skin striped light and dark green; fruits are large; flesh, dark pink of splendid quality. Good shipper. Pkt., 5c; oz., 15c; 1/4 lb., 40c.

Other Good Varieties

Angelino—(90 days.) A fine quality melon. The black-seeded type is most popular. Pkt., 5c; oz., 10c; 1/4 lb., 30c.

Chillian (Cannon Ball)—(85 days.) Black-seeded strain is most popular. Its eating qualities are excellent. Pkt., 5c; oz., 10c; 1/4 lb., 30c.

Citron (Red Seeded)—Used for preserves and candied fruits. Pkt., 5c; oz., 10c; 1/4 lb., 30c.

Excel—(95 days.) A good late shipping sort. Similar in shape and size to Kleckley's. Pkt., 5c; oz., 10c; 1/4 lb., 30c.

Tom Watson—(92 days.) An old favorite for shipping. Pkt., 5c; oz., 15c; 1/4 lb., 30c.

What is more inviting on a hot day than a cold, luscious watermelon?

Quantity Prices

Transportation Prepaid

| | 2 to 9 | lbs. per lb. | 100 lbs. per lb. |
|---------------------------|--------|--------------|------------------|
| WATERMELONS | | | |
| Angelino | .85 | .80 | .75 |
| Chillian or Cannon Ball | .85 | .80 | .75 |
| Citron | .85 | .80 | .75 |
| Dixie Queen | 1.00 | .95 | .90 |
| Early Kansas | .80 | .75 | .70 |
| Excel | .85 | .80 | .75 |
| Imp. Kleckley Sweet | .80 | .75 | .70 |
| Imp. Kleckley Sweet No. 6 | .95 | .90 | .85 |
| King and Queen, Winter | .85 | .80 | .75 |
| Klondike | 1.00 | .95 | .90 |
| Stone Mountain | 1.00 | .95 | .90 |
| Striped Klondike | 1.00 | .95 | .90 |
| Tom Watson | .75 | .70 | .65 |
| PARSNIPS | | | |
| Guernsey or Hollow Crown | .90 | .85 | .80 |
| New Harris White Model | .95 | .90 | .85 |

PARSNIPS

Roots improve by being left in ground until next Spring. One ounce per 100 feet of row, 5 or 6 pounds per acre.

Guernsey or Hollow Crown—Our strain of Hollow Crown is the thick shouldered type particularly fine, smooth and regular. Pkt., 5c; oz., 10c; 1/4 lb., 25c.

New Harris White Model—This is considered by all market gardeners who have tried it, an improvement over the Hollow Crown. It is of medium length, smooth, and pure creamy white. The absence of side roots and the ease with which it is harvested are excellent points in its favor. Pkt., 5c; oz., 10c; 1/4 lb., 30c.

Parsnips contain fat soluble A and water soluble B.



Guernsey or Hollow Crown Parsnips

Tender, Delicious, Green PEAS

See planting chart, page 5

Culture—Sow as soon as the ground can be worked, in single or double rows from one and one-half to three feet apart. The dwarf varieties can be planted in rows twelve to eighteen inches apart.

One pound to 100 feet of row; 100 pounds per acre

Alaska—60 days. Very early, smooth-seeded canning or garden variety. Vines, 30 in.; pods, 3 in. containing 5 to 8 peas.

Alderman (Tall Telephone)—74 days. A tall-growing vine that can be staked. One of the largest podded varieties, about 5 in.

American Wonder—60 days. Good home garden variety. Vines, 12 in.; pods, 2½ in., blunt, well filled.

Bliss Everbearing—76 days. Popular home garden sort. Vines, 30 in. tall; dark green, thrifty, of long bearing period. Pods, 3 in. long, blunt.

Dwarf Alderman—74 days. A true large-podded Alderman type with dwarf sturdy vines. Becoming very popular for main crop. The dark green pods are most attractive and command the highest prices. Vines, 20 in.; pods, 4½ in., dark and pointed.

Dwarf Telephone or Daisy—74 days. We now are able to furnish this variety with the dark green vines and pods. (See Dwarf Alderman), which are more attractive and sell better.

World's Record—61 days. An Improved Gradus type. Earlier and larger podded than Gradus. Vines, 30 in.; pods, about 4 in. long of finest quality.

Hundredfold (Imp. Laxtonian or Blue Bantam)—63 days. Large, blue-green pods, 4½ in. long on dwarf 20 in. dark green, stout vines. Its dwarf habit and large pods containing 6-8 delicious peas combined with its extreme earliness and heavy production make Hundredfold an outstanding home and market garden pea.

Little Marvel—62 days. An outstanding early dwarf pea for home gardens. Vines 18 in. tall, vigorous, and heavily laden with pods 3 in. long, blunt. They are very attractive peas and very tender and sweet.

Laxton Progress—62 days. Produces the largest pods of any of the early dwarf varieties. Popular for long-distance shipping, also for home and market gardeners. We offer a very superior strain of this leading variety. Ordinarily two pickings will clean the vines. Vines, 18 in. tall; pods, 4½-5 in. long, containing 7-9 large, tender peas.

Rogers No. 95 Icer—74 days. A wonderful pea for market growers as its attractive dark green color and firm pods make it especially fine for market display, packed in ice. Several days earlier than Stratagem with 2 ft. vines and 4½-5 in. pointed, dark green pods.

Stratagem—80 days. Fine late variety for home gardens, market growers, and long-distance shippers. 24 in. vines; 4½ in. pods; color, dark green. A very fine variety and a heavy yielder.

Thomas Laxton—62 days. A superior early pea which retains its pleasing flavor and sweetness until it begins to harden. Excellent canning, home, or market sort. Vines, 2½ ft. tall; pods, 3½ in., dark, and blunt.

Any of above—Pkt., 10c; lb., 30c; 2 lbs., 55c; 5 lbs., \$1.25, postpaid.

Edible-Podded Sugar Pea

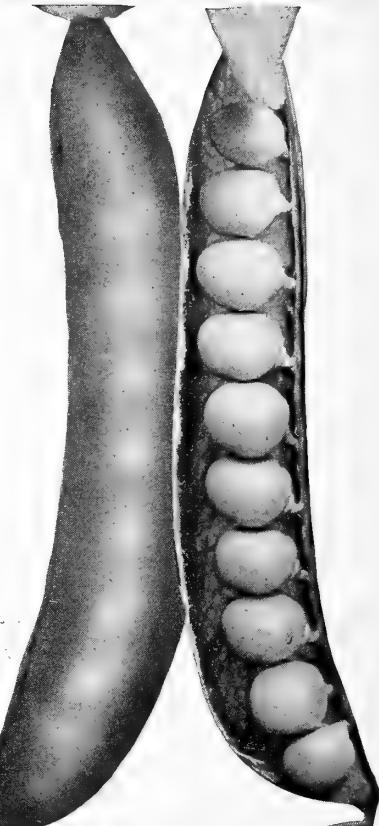
Mammoth Melting Sugar—80 days. The best-known variety. Vines, 4½ ft. tall with 5 in. long pods. When young, they are stringless, very tender, and richly flavored. Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c; postpaid.

PEAS

| | Quantity Prices on Peas | | | | | | Transportation Not Prepaid | | |
|------------------------------|-------------------------|------------|------------------|---------|---------------------------------|------------|----------------------------|---------|--|
| | Under 25 lbs. | 25-99 lbs. | Bag lots per lb. | per lb. | Under 25 lbs. | 25-99 lbs. | Bag lots per lb. | per lb. | |
| Alaska | 15c | 11c | 10c | | Hundredfold (Imp. Laxtonian) | 16c | 13c | 12c | |
| Alderman (Tall Telephone) | 16c | 13c | 12c | | Little Marvel | 16c | 13c | 12c | |
| American Wonder | 16c | 13c | 12c | | Laxton Progress | 16c | 13c | 12c | |
| Bliss Everbearing | 16c | 13c | 12c | | Rogers No. 95 Icer | 16c | 13c | 12c | |
| Dwarf Alderman | 16c | 13c | 12c | | Stratagem | 16c | 13c | 12c | |
| Dwf. Telephone or Daisy | 16c | 13c | 12c | | Thomas Laxton | 16c | 13c | 12c | |
| World's Record | 16c | 13c | 12c | | Mammoth Melting Sugar | 18c | 15c | 14c | |



P.-W.'s Laxton's Progress



P.-W.'s Improved Laxtonian

Luscious Green Peas for Entire Season

Plant these five—all large podded: P.-W.'s Laxton Progress (1st maturing), Bliss Evergreen (2nd maturing), P.-W.'s Dwarf Alderman (3rd maturing), P.-W.'s New No. 40 (4th maturing) P.-W.'s Dwarf Telephone (5th maturing). Consists of 1 lb. each of above five varieties (value \$1.35), postpaid.

\$1.00

PEPPERS

For All Purposes

One ounce 500 plants, half pound per acre

Chinese Giant—A large pepper yielding enormously on well-branched stock plants, usually 2 ft. high. Fruits are a rich dark green, turning to scarlet red when ripe. Thick, mild, and sweet flesh. Our strain is of excellent quality. Pkt., 10c: $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.20; lb., \$4.50.

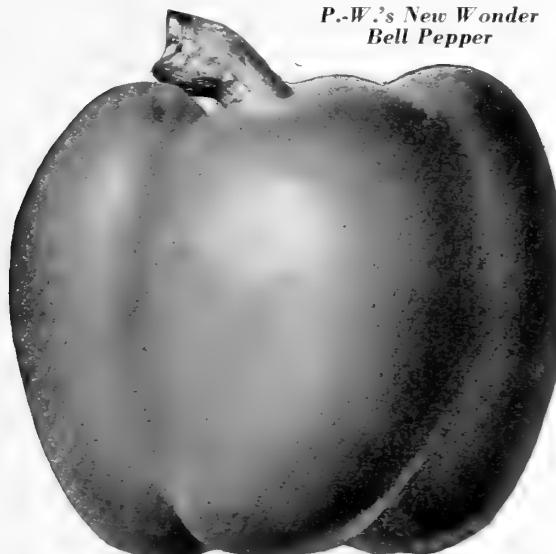
California Wonder (Special Stock)—Has all the qualities desired in a stuffing pepper. Average 4 inches in length and $3\frac{1}{2}$ inches in diameter. A fine, sweet and tender pepper with very thick walls. Smooth, glossy, green fruits, changing to crimson when ripe. Pkt., 10c: $\frac{1}{2}$ oz., 35c; oz., 40c; $\frac{1}{4}$ lb., \$1.20; lb., \$4.00.

P.-W.'s New King Pepper—Early, thick-walled, broad-shouldered variety. Fruits average 3 to 4 inches at base and about 5 inches long. Pkt., 10c: $\frac{1}{2}$ oz., 30c; oz., 50c; $\frac{1}{4}$ lb., \$1.50; lb., \$4.50.

Anaheim Chili—A hot late variety, popular because of its agreeable pungency. Fruits are 6-8 inches long and about 1 inch wide, tapered, deep green to scarlet when mature.

Large Bell or Bull Nose—The earliest bell type pepper, maturing about 15 days in advance of California Wonder. Fruit 3 in. long, $2\frac{3}{4}$ in. in diameter. Mild.

P.-W.'s New Wonder
Bell Pepper



Long Red Cayenne—Strong and pungent; fruits about 5 in. long and $\frac{3}{4}$ in. thick, tapering. Especially fine for drying.

Neapolitan—Very early, extremely mild and sweet. Measure about 4 in. long and 2 in. wide. Yellowish green to red when mature.

Pimento—The sweetest pepper grown, as it does not contain the slightest trace of fieriness. Fruits heart-shaped.

Red Chili—Small, bright red, hot and pungent. About 2 in. long and $\frac{1}{4}$ - $\frac{1}{2}$ in. wide.

Ruby King—Fruits large, glossy red, very mild. About 4 $\frac{1}{2}$ in. long and 3 in. wide.

World Beater—Large, oblong, 70-day, sweet. Any of the above—Pkt., 10c: $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

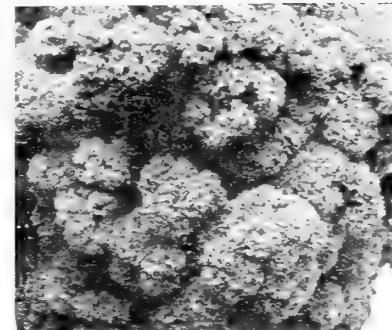
PEPPER PLANTS—See page 24

Hotkaps protect against frost, wind, rain, hail, birds and insects. Profitable to use on Peppers, Cucumbers, Melons and Tomato Plants. See page 95.

Parsley
One ounce 500 plants

Paramount—The finest variety. The color is a rich deep green, good length stems with no flat leaves. A superb variety for outdoor growing and forcing. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c.

Champion or Triple Moss Curled—Very desirable for garnishing and decorative purposes. Leaves dark green, tightly curled. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c.



Triple Curled Parsley

Double Curled—Attractive dwarf sort. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c.

Pumpkins

1 oz., 50 hills; 3-4 lbs. per acre. See planting chart, page 5.

Connecticut Field (Big Tom) — Large orange colored pumpkins, averaging 18 lbs. Fruits are flat on the ends with smooth, hard rind. Flesh is adapted for canning or pies, also used largely for stock feed. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c.

King of the Mammoth also called "Jumbo" or "Potiron." This is the largest pumpkin, often growing to 100 lbs. if thinned to a single fruit per vine. Average 60-90 lbs., measuring 18-20 in. thick. Flesh is thick, yellow, and fine-grained. Used principally for exhibition and stock feeding. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c.

Kentucky Field or Large Cheese—Grown extensively for stock feeding and canning in this locality. Fruits are large, flattened, 12-15 in. in diameter. Skin is creamy buff with a thick, deep salmon-yellow flesh of good quality. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c.

Sugar Pie Pumpkin A handsome and productive small pumpkin, ten to twelve inches in diameter; flat-round, skin orange. Flesh deep yellow of fine grain and very sweet. Wonderful for pies; in fact, this is the celebrated New England Pie Pumpkin. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c.

QUANTITY PRICES

Transportation Prepaid

| | 1 lb. | 2-9 lbs. per lb. |
|--------------------------------------|-------|---------------------|
| PUMPKINS | | |
| Connecticut Field (Big Tom) | 60c | 55c |
| King of the Mammoth | 90c | 85c |
| Kentucky Field or Large Cheese | 55c | 50c |
| Sugar Pie | 65c | 60c |

Vegetable Spaghetti

A delicious new vegetable from Persia which has bright yellow, oblong fruit 8-10 inches in length filled with Spaghetti-like pulp. When ripe, the whole fruit, without cutting or peeling, can be cooked 20 minutes in boiling water, then cut in half. A dishful of Spaghetti from each fruit. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; postpaid.



Sugar Pie Pumpkin

POTATOES

"Mortgage Lifters"

See planting chart, page 5 — 700-1000 lbs. per acre

About Shipping—We can usually ship about the 25th of March. Potatoes are bagged 100 lbs. net.

Prices Subject to Change—Potato prices are subject to market changes so we will be pleased to quote lowest prices by letter. Please state kinds and amounts in which you are interested.

Bliss Triumph—A standard extra early. Tubers nearly round, smooth, reddish-pink, with shallow eyes. They yield enormous crops and are least susceptible to rot, scab, and other diseases.

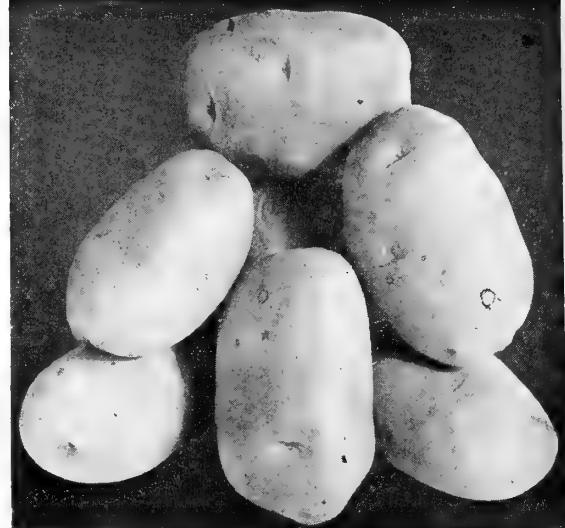
Early Ohio—Very early, heavy yielding, dependable money-makers. Skin light reddish-pink, smooth, with white flesh firm and fine-grained.



Idaho Russet—The best baking potato. Either cooked or baked, the pearly white, dry and mealy flesh cannot be surpassed. This late maturing sort is large in size, elongated, shallow eyed, with a beautiful netted and russet skin.

Irish Cobblers—This variety is the leading early, round, white potato. Famous for its superlative white skin, heavy yields, and good keeping qualities.

See page 8 for
Semesan prices



For bumper crops use P.-W.'s Mountain Grown
Certified Seed

Warba—An extra early potato, maturing 7 to 10 days ahead of Ohio or Bliss Triumph. Attractive round tubers of good size; skin smooth, creamy-white; eyes, light pink. Heavy yielder and beautiful when baked.

Certified Seed Stocks of the above—5 lbs., 35¢; 10 lbs., 55¢; 25 lbs., \$1.10. (Add postage.)

SQUASH and Vegetable Marrow

See planting chart, page 5

Winter Varieties

Banana (Blue)—Popular Winter squash. Fruits 18 to 24 in. long and about 7 in. in diameter. Slate grey color; flesh fine-grained, deep yellow, dry, and sweet.

Chicago Warted Hubbard—Attractive dark green, flesh dry and sweet. Very hard shell insures long keeping qualities.

Delicious—Green; resembles the Hubbard; flesh very thick, deep orange color. Heart-shaped. Fruits weigh 8 to 10 lbs.

Golden Delicious—Like Green Delicious in shape and season. An excellent small golden squash for canning, roadside, and market. Superb quality.

Pike's Peak or Sibley—Large oval fruits, slate grey in color; flesh golden-yellow, very best quality.

Golden Hubbard—Warted, Hubbard shape, golden color.

Utah Giant Field—Mammoth size; valuable for stock feeding. Seeds are large, brown and shiny.

Price, any of above—Pkt., 5¢; oz., 10¢; 1/4 lb., 35¢.

Summer Varieties

Cocozelle Bush—The shape is long and cylindrical. Exceptionally dark green when young, and fine flavored. Bush vines.

Early White Bush (Patty Pan)—Favorite everywhere. Fruits are rather small, quite flat, with scalloped edges. One of the best squash for stewing.

Table Queen (Acorn)—An individual size squash. Popular for home and market. Outside color, green; flesh, light orange; dry, sweet flavor.

Golden Table Queen—Slightly larger than the green. The golden ripeness of this variety appeals to the most critical buyer.

Early Yellow Summer Crookneck—Most popular of the yellow summer varieties. Fruits weigh about 2 lbs.; heavily warted, and golden yellow in color. We have a beautiful pure line strain.

One ounce 100 feet, 2 to 3 pounds per acre.

Zucchini Black—The latest development in Zucchini types. It is rapidly replacing Cocozelle and Grey Zucchini in most areas. Fruits long and slender, showing a black green color when young. We believe they have a better flavor than other strains.

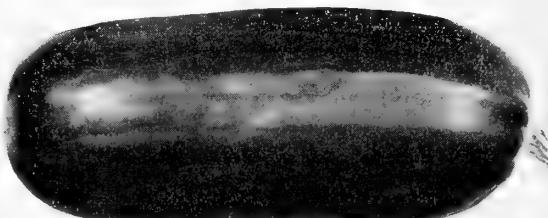
Giants Summer Straightneck—These are easier to pack for shipping and easier to prepare for cooking. They produce heavily on one-third less vine growth than the Crook-neck type.

Price, any of above—Pkt., 5¢; oz., 10¢; 1/4 lb., 35¢.

QUANTITY PRICES

Transportation Prepaid

| SQUASH | 1 lb. | 2-9 lbs. per lb. | 100 lbs. per lb. |
|-------------------------------------|-------|---------------------|---------------------|
| Banana (Blue) | 90¢ | .85¢ | 30¢ |
| Chicago Warted Hubbard | 90¢ | .85¢ | 30¢ |
| Delicious Green | 1.00 | .90¢ | .85¢ |
| Golden Delicious | 1.00 | .90¢ | .85¢ |
| Pike's Peak or Sibley | 90¢ | .85¢ | .80¢ |
| Golden Hubbard | 90¢ | .85¢ | .80¢ |
| Utah Giant Field | 90¢ | .85¢ | .80¢ |
| Cocozelle Bush | 85¢ | .80¢ | .75¢ |
| Early White Bush (Patty Pan) | 75¢ | .70¢ | .68¢ |
| Table Queen (Acorn) | 85¢ | .80¢ | .75¢ |
| Golden Table Queen | 85¢ | .80¢ | .75¢ |
| Early Yellow Summer Crookneck | 80¢ | .75¢ | .70¢ |
| Zucchini Black | 85¢ | .80¢ | .75¢ |
| Giant Summer Straightneck | 1.00 | .95¢ | .90¢ |



Black Zucchini

RADISHES Crisp and Appetizing

See page 5 for planting chart

1 ounce 50 feet of row; 10 lbs. per acre

P.-W.'s New Glowing Ball This is a new brilliant scarlet, perfectly round home garden and farming radish. It has a small top, thread-like tap root and bright fiery color. The flesh is white, crisp, and as mild as any radish we know. 24 days. Pkt., 5c; oz., 10c; 1/4 lb., 25c.

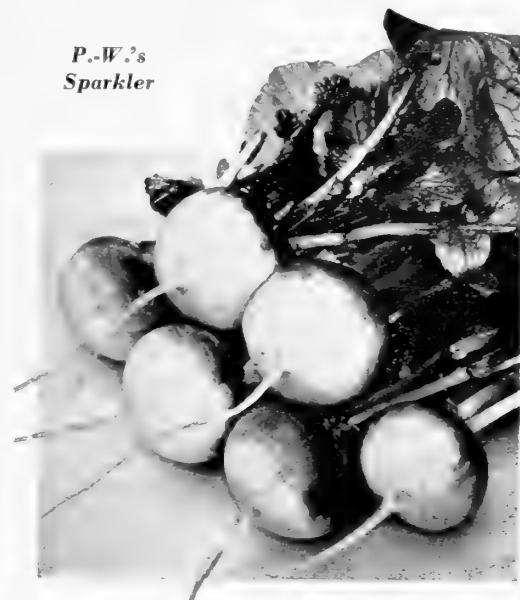
P.-W.'s Bicolor Within the relative short time since this variety was developed, it has fast become the choice of large radish growers who demand the finest strains. The white tip extends fully half way up the root, and the brilliant scarlet of the top shows up in strong contrast. We recommend Bicolor as stock that will command the highest prices. Pkt., 5c; oz., 10c; 1/4 lb., 25c.

P.-W.'s Sparkler Color is scarlet and white, extremely quick to mature, being ready for the table in 20 days from planting. Valuable for forcing under grass, as well as for the open. Skin very smooth, and its color gives it an appetizing appearance. Selected stock seed. Pkt., 5c; oz., 10c; 1/4 lb., 25c.

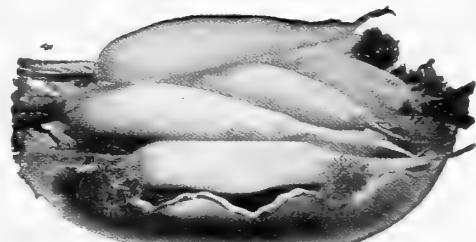
French Breakfast 24 days. A splendid variety, medium-sized, olive-shaped, very crisp and tender; of a beautiful scarlet color with white tip. Pkt., 5c; oz., 10c; 1/4 lb., 25c.

P.-W.'s New Scarlet Globe We specially recommend this to gardeners as a large, first early forcing radish. It is also desirable for first early planting outdoors for home garden and market. Pkt., 5c; oz., 10c; 1/4 lb., 25c.

Icicle The most popular of all long radishes. Pure white, slender, and tapering in shape. The flesh is crisp; always tender, and of splendid flavor. 27 days. Pkt., 5c; oz., 10c; 1/4 lb., 25c.



P.-W.'s New Scarlet Globe Radish



White Icicle Radishes

'TWIST-EMS' Will cut bunching costs on all Vegetables. See page 93.

QUANTITY PRICES

Transportation Prepaid

RADISH

| | 1 lb. | 2-9 lbs. per lb. | 100 lbs. per lb. |
|----------------------------|-------|---------------------|---------------------|
| P.-W.'s New Glowing Ball | 65c | 60c | 55c |
| P.-W.'s Bicolor | 65c | 60c | 55c |
| P.-W.'s Sparkler | 60c | 55c | 50c |
| French Breakfast | 60c | 55c | 50c |
| P.-W.'s New Scarlet Globe | 60c | 55c | 50c |
| Icicle | 60c | 55c | 50c |
| Chinese Rose | 65c | 60c | 55c |
| Long Black Spanish | 65c | 60c | 55c |
| Celestial or White Chinese | 65c | 60c | 55c |

Rhubarb

One ounce for 50 feet.

See page 5 for planting chart.

Strawberry Rhubarb—Attractive red variety—takes less sugar, excellent flavor. Roots only, see page 25.

Victoria—Very large and tender. The best variety to plant and the one most generally used. Pkt., 5c; oz., 15c; 1/4 lb., 40c; lb., \$1.35.

Roots—See page 25.

New Giant Cherry Rhubarb—See pages 2 and 25.

Salsify

Cultivate the same as carrots. Can remain in the ground all winter for early Spring use.

Mammoth Sandwich Island—Grows to a very large size and resembles a good-sized parsnip. Mild and delicately flavored; very popular. Pkt., 5c; oz., 20c; 1/4 lb., 50c; lb., \$1.40.

Swiss Chard—See page 8.

The Great Health Food-SPINACH

See planting chart, page 5

Sow 1 oz. to 100 ft.; 20 lbs. per acre in rows.

P.-W.'s Improved Long Standing Bloomsdale Savoy-Leaved

We offer a wonderfully well-bred strain. Large, deep green, well crumpled leaves which produce enormous crops and stand a long time without bolting to seed. We recommend this variety to spinach growers who demand only the finest. Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 35c.

King of Denmark This spinach will stand longer than any other kind. The leaves are very dark green, quite thick, and have small stems. These qualities, together with its heavy yield, makes it one of the best canning varieties. Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 35c.

Noble Giant This thick-leaved variety produces the largest spinach yield, grows rapidly, and is ready to cut early. The medium green leaves are nearly smooth. Excellent variety where large volume is desired. Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 35c.

Old Dominion Becoming very popular for spring planting in sections where blight prevails. Leaves large, dark green, well blistered; produces large crops. Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 35c.

Rutabaga or Swede Turnip

Roots frequently grow to be an enormous size. The roots should be taken up before severe frost. Cut off tops within an inch of the crown. Store in a cool cellar or pit.

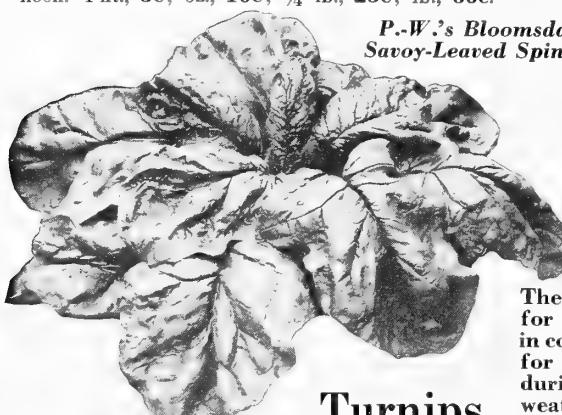
One ounce to 100 feet, 2 to 3 pounds per acre.

See planting chart, page 6.

American Purple Top—Remarkable for uniform shape and fine quality; a splendid keeper. Skin smooth; a beautiful yellow color, fine grained. Very sweet and tender. Pkt., 5c; oz., 10c; 1/4 lb., 20c.

Golden Neckless—A favorite winter variety maturing earlier than the American Purple Top, which it closely resembles. The flesh is light yellow, fine grained, and sweet. Roots are uniform in shape and color with a very small neck. Pkt., 5c; oz., 10c; 1/4 lb., 25c; lb., 60c.

P.-W.'s Bloomsdale Savoy-Leaved Spinach



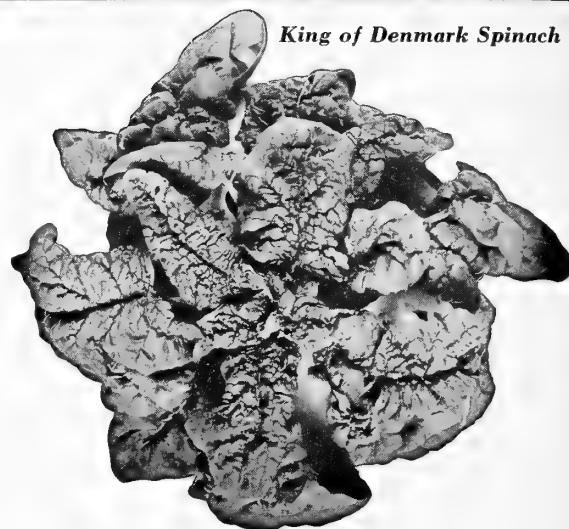
Turnips

For succession, continue to sow every two weeks until June. For Fall or Winter crops sow in July or August. **One ounce 100 feet, 2 pounds per acre.**

See planting chart, page 6

Purple Top White Globe (Special Strain)—This fine stock produces the world's finest turnips. Large, smooth, and delicious flavored. The color is snow-white with a rich purple top; the flesh is firm, fine-grained and tender. It is the standard home, market garden, and shipping variety and always sells at advanced prices over ordinary sorts. Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 50c.

Snowball An early variety next in popularity to Purple Top White Globe. Roots are round, pure white throughout. Flesh is fine-grained, sweet, and tender. Pkt., 5c; oz., 10c; 1/4 lb., 25c; lb., 50c.



King of Denmark Spinach

Collection Offer No. 135

ALL SEASON FRESH GREENS FOR THE

FAMILY TABLE
1 pkt. Old Dominion Spinach
1 oz. P.-W.'s Improved Long Standing
Bloomsdale
1 pkt. King of Denmark
1 pkt. Swiss Chard

25c

Drafnaid

QUANTITY PRICES

Transportation Prepaid

| SPINACH | 1 lb. | 2-9 lbs. per lb. | 100 lbs. per lb. |
|-------------------------------|-------|---------------------|---------------------|
| Long Standing Bloomsdale..... | 35c | 25c | 19c |
| King of Denmark | 35c | 25c | 17c |
| Noble Giant | 35c | 25c | 19c |
| Old Dominion | 35c | 25c | 19c |

RUTABAGA

| | | | |
|---------------------------|-----|-----|-----|
| American Purple Top | 60c | 55c | 50c |
| Golden Neckless | 65c | 60c | 55c |

TURPIN

| | | | |
|----------------------------------|-----|-----|-----|
| Purple Top White Globe..... | 60c | 55c | 50c |
| Snowball | 60c | 55c | 50c |
| Early Purple Top Strap Leaf..... | 55c | 50c | 45c |
| White Egg | 60c | 55c | 50c |

Swiss Chard

The Spinach Beet so prized for greens, should be sown in conjunction with spinach for a continuous supply during the extreme hot weather. See page 8.



J. B.R.S.Co.

Purple Top Globe Turnip

Home Grown TOMATOES

*The Pride of Your
Garden and Table*

Approximate number of days from setting plants to ripened fruits are indicated.

Bonny Best—Unexcelled as a general purpose tomato. Fruits bright, deep scarlet red; medium large; flattened globe shape; smooth and firm. 73 days. Pkt., 5c; oz., 25c; 1/4 lb., 80c; lb., \$2.35.

Crimson Cushion (Beefsteak) — The rich, scarlet-red fruits resemble Ponderosa in size. The flesh is juicy, solid, and has a rich sub-acid flavor which makes it popular with many home gardeners. 90 days. Pkt., 5c; oz., 45c; 1/4 lb., \$1.35; lb., \$4.50.

Earliana Special—We earnestly believe our strain is the finest of this **first early** type. Fruits are medium size, flattened globe-shape, deep scarlet-red, firm and smooth. 66 days. Pkt., 10c; oz., 35c; 1/4 lb., \$1.00; lb., \$3.00.

Greater Baltimore—Similar to Stone and particularly valuable for canning. Heavily productive. Fruits deep scarlet-red, large, deep, smooth; very firm and solid. 82 days. Pkt., 5c; oz., 35c; 1/4 lb., 90c; lb., \$2.50.

Improved Stone—Enormous producers. Valuable for the market gardener, trucker, and canner. Bright deep scarlet fruits; large and flat, but deep; smooth and solid. 86 days. Pkt., 5c; oz., 25c; 1/4 lb., 80c; lb., \$2.00.

John Baer—Matures between Earliana and Bonny Best. We regard this variety as one of the best medium earlies and recommend it most highly for all purposes. Fruits bright scarlet-red, smooth, and quite firm. 70 days. Pkt., 5c; oz., 25c; 1/4 lb., \$1.00; lb., \$3.00.

June Pink—The best extra early purplish-pink variety. The meat is solid, of fine texture, with a delightful sub-acid flavor. Heavy yielder. Pkt., 5c; oz., 45c; 1/4 lb., \$1.35; lb., \$4.50.

Marglobe—Blight resistant. Introduced by the U. S. D. A. only a few years ago but quickly acclaimed a leading all-purpose variety. Has all the good qualities desired for market growers, canners, and home gardeners. The fruits are large, globe-shaped, smooth, deep red, very solid and firm; delicious flavor. Vines very productive. Pkt., 10c; oz., 30c; 1/4 lb., 85c; lb., \$2.50. Certified seed, pkt., 15c; oz., 35c; 1/4 lb., \$1.00; lb., \$3.00.

Norton (Wilt Resistant Stone)—One of the best canning and long distance shippers. A main crop, scarlet fruited variety. 88 days. Pkt., 5c; oz., 30c; 1/4 lb., \$1.00; lb., \$3.00.

Ponderosa—Largest pink kind. Magnificent, heavy, solid fruit, often weighing 2 lbs. or more; light pink. Medium late. 88 days. Pkt., 5c; oz., 45c; 1/4 lb., \$1.35; lb., \$4.50.

Pritchard's (Scarlet Topper)—A wilt-resistant variety developed by the U. S. D. A., regarded generally as one of the best tomatoes grown. Scarlet globe fruit, solid, and of extremely fine quality. 75 days. Pkt., 5c; oz., 35c; 1/4 lb., \$1.00; lb., \$3.00.

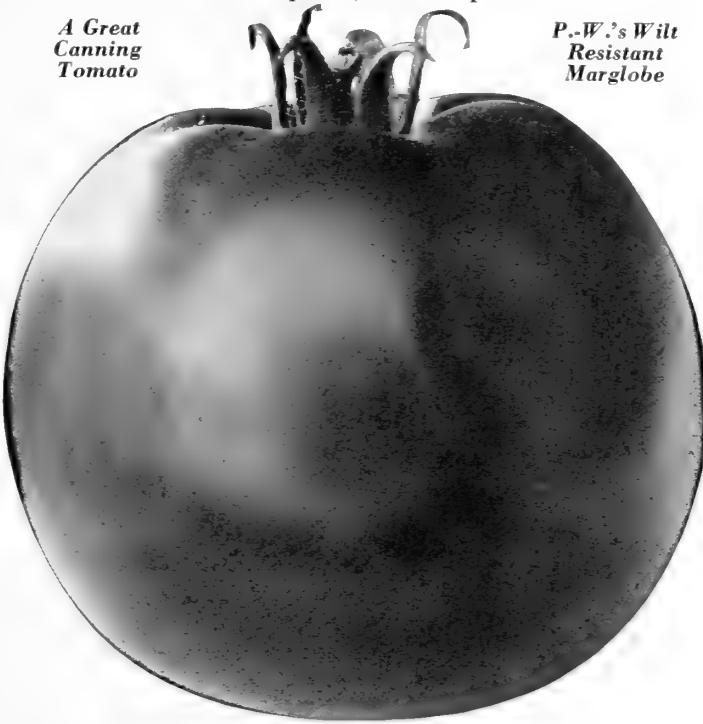
San Jose Canner — A main crop, scarlet fruited sort. 86 days. Pkt., 5c; oz., 35c; 1/4 lb., \$1.00; lb., \$3.00.

Scarlet Dawn — A very fine early tomato. Fruits medium size, smooth, globular, solid; color scarlet. Plants vigorous and productive. Makes a good market or home garden variety. 70 days. Pkt., 10c; oz., 40c; 1/4 lb., \$1.00; lb., \$3.00.

*A Great
Canning
Tomato*

1 ounce 2000 plants, 2 ounces per acre.

*P.-W.'s Wilt
Resistant
Marglobe*



Win \$25 Cash Prize for Best Name for P.-W.'s New XXX Tomato

This is the first lot of seed offered for sale on this new, unusual tomato which we believe will become the favorite for Canners, Home, and Market Gardeners. Five years have been spent in selection, tests, and observation. We believe now this strain is thoroughly fixed. It combines the virtues to make it an outstanding variety for all gardeners, especially those in Northern U. S. A. and Canada. It has proved par excellent and keeps its foliage better than any variety with which we are familiar. The fruits are smooth, very red, and not susceptible to cracks. Vines are short-jointed, compact in form, allowing three plants in the space ordinarily required for two of most other varieties. Trade Packet, 25c postpaid.

N. B. Contest blanks and rules will accompany each packet purchased. After growing this marvelous tomato, probably the prize-winning name will suggest itself. Contest closes Nov. 1st.

Small Fruited Varieties

These enormously productive fruits are prized for eating, preserving, salads, and pie making.

Ground Cherry (Husk) — Fruits small, round, and borne in papery envelopes. Sweet flavor. Pkt., 5c; oz., 45c; 1/4 lb., \$1.25; lb., \$4.20.

Red Cherry — Fruits small, round, rich deep red. Pkt., 5c; oz., 45c; 1/4 lb., \$1.25; lb., \$4.20.

Yellow Pear — Fruits 2 in. long, pear-shaped. Pkt., 5c; oz., 45c; 1/4 lb., \$1.25; lb., \$4.20.

Huckleberry (Wonderberry) — The fruit is as large as a grape and jet black when ripe. It is fine for cooking, having a flavor like the Huckleberry, and makes delicious pies, jellies, preserves, jams, etc. Pkt., 10c; 1/4 lb., \$1.25; lb., \$4.50.

SAGE HI-CAPS

The Perfect Tomato Plant Cover
See page 95 for prices

SEEDLING Plants for Every Purpose

Vegetable Plants

Most all varieties ready April 15th to June 15th

By mail add postage..... Dozen 10c 100 500 1000
Cabbage

Copenhagen Market, Golden
Acre, Jersey Wakefield,
Danish Ball Head..... \$2.20 \$.60 \$2.75 \$4.75

Cauliflower
Perfection (super snowball)..... .25 .75 3.25 5.75

Celery (Ready about May 15th
or later)
Golden Crisp (Utah Chinese),
Golden Plume..... .20 .60 2.75 4.50

Egg Plant (Grown in Flats)
(Transplanted)
Black Beauty..... .30 1.20 5.00 10.00

Peppers (Grown in Flats)
Chinese Giant, Wonder Bell,
Ruby King, Red Chili..... .25 1.00 4.50 9.00

Tomato (Grown in Flats, Trans-
planted)
Earlana, John Baer, Greater
Baltimore, New Stone,
Marglobe..... .25 1.20 5.00 10.00

Plants shipped in Flats will be forwarded via rail freight,
truck or express, charges collect.

VEGETABLE ROOTS

By mail add postage..... Dozen 100 500 1000
Asparagus (2 year old)..... 12c 45c 70c \$1.25

New Mary Washington..... \$2.25 \$1.00 \$4.50 \$8.00

Artichokes
Jerusalem (tuberous rooted), add postpaid..... \$1.15 \$1.00
Write for quantity prices.

Chives—Sprouted, nice clump..... .15 1.50
Postage 10c each; 50c doz.

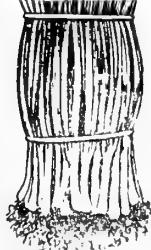
Horse Radish Roots—postpaid..... .25 1.25

Rhubarb—postpaid..... Each Doz.

Victoria..... .20 1.50
Strawberry..... .20 1.50

New Giant Cherry (see page 2)..... .25 2.50

Sage—Garden Variety..... .20 2.00



Onion Plants

ONION PLANTS

These Texas-grown starts produce onions 8 to 10 weeks from setting. Market growers find them very profitable. For description, see page 16.

Sweet Spanish—Produces large onions.
Crystal White Wax—Makes either
bunching or large bulbs.

Prices—100 plants, 20c; 1,000 plants,
\$1.50, postpaid. Full crate (6,000
plants), \$6.00, not prepaid. Write
for prices on larger lots.

Onion Sets

A great specialty with us.
We produce several carloads
at our own farm in Centerville.

Soil requirements are the
same as with onion seed. It
requires from 250 to 350 lbs.
per acre; 1 lb. to 100 ft. row.

Yellow Bottom Sets—Lb., 15c; 5 lbs., 65c, add postage.

White Bottom Sets—Lb., 15c; 5 lbs., 65c, add postage.

Write for quantity prices.

Garlic Sets—Lb., 35c; 5 lbs., \$1.35, postpaid.



Annual Flowering Plants

Ready April 15th to June 15th

All are Transplanted and Grown in Flats

Prices are f.o.b. Centerville, Utah. If by mail add
extra for packing and postage 15c per 10 and 50c for
50.

ASTERS

| | Not Prepaid | Per 10 | Per 50 |
|------------------------------------|-------------|---------|--------|
| Imp. Giant of California..... | \$.30 | \$ 1.00 | |
| Crimson | Rose | Mixed | |
| Light Blue | White | | |
| Early Beauty (Wilt Resistant)..... | .30 | 1.00 | |
| Crimson | Deep Rose | White | |
| Dark Blue | Shell Pink | Mixed | |

ANTIRRHINUM (Snapdragons)

| | | | |
|--|--------------|------------|--|
| New Rust Proof Giants of California..... | .30 | 1.00 | |
| Burnt Orange | Deep Crimson | Rose Pink | |
| Canary Yellow | Rich Purple | Snow White | |

Nanum Guinea Gold

| | | | |
|------------------------|-----|------|--|
| Nanum Guinea Gold..... | .30 | 1.00 | |
|------------------------|-----|------|--|

AGERATUM

| | | | |
|--|-----|------|--|
| Dwarf Blue Cap; Midget Blue (New)..... | .30 | 1.00 | |
|--|-----|------|--|

ALYSSUM—Snow Cloth

| | | | |
|-------------------------|-----|------|--|
| ALYSSUM—Snow Cloth..... | .30 | 1.00 | |
|-------------------------|-----|------|--|

LARKSPUR—Giant Imperial Mixed

| | | | |
|------------------------------------|-----|------|--|
| LARKSPUR—Giant Imperial Mixed..... | .30 | 1.00 | |
|------------------------------------|-----|------|--|

LOBELIA—Crystal Palace Comp.

| | | | |
|----------------------------------|-----|------|--|
| LOBELIA—Crystal Palace Comp..... | .30 | 1.00 | |
|----------------------------------|-----|------|--|

MARIGOLD

| | | | |
|----------------------------------|-----|------|--|
| African All-Double Mixed..... | .30 | 1.00 | |
| Double Harmony Hybrids..... | .30 | 1.00 | |
| French All-Double Mixed..... | .30 | 1.00 | |
| Sunset Giants, New Improved..... | .30 | 1.00 | |

PETUNIAS

| | | | |
|---------------------------------|-----|------|--|
| Giants of California Mixed..... | .40 | 1.25 | |
| Ruffled Monster Mixed..... | .40 | 1.25 | |
| Super Fluffy Ruffles Mixed..... | .40 | 1.25 | |

New All-Double Fringed Mixed

| | | | |
|-----------------------------------|-----|------|--|
| New All-Double Fringed Mixed..... | .65 | 2.00 | |
| Giant Sgl. Fl. Elk's Pride..... | .40 | 1.25 | |
| Single Bedding—as follows: | | | |

| | | | |
|------------|----------------|-------|--|
| Blue | Celestial Rose | | |
| Topaz Rose | White | Mixed | |

| | | | |
|-----------------------|-----|------|--|
| Dwf. Velvet Ball..... | .30 | 1.00 | |
|-----------------------|-----|------|--|

PHLOX—Drummondii Mixed

| | | | |
|-----------------------------|-----|------|--|
| PHLOX—Drummondii Mixed..... | .30 | 1.00 | |
|-----------------------------|-----|------|--|

SALVIA—America (Globe of Fire)

| | | | |
|-------------------------------------|-----|------|--|
| SALVIA—America (Globe of Fire)..... | .30 | 1.00 | |
|-------------------------------------|-----|------|--|

STOCKS—10 Weeks, Double Mixed

| | | | |
|------------------------------------|-----|------|--|
| STOCKS—10 Weeks, Double Mixed..... | .30 | 1.00 | |
|------------------------------------|-----|------|--|

VERBENAS—Giant Mixed

| | | | |
|---------------------------|-----|------|--|
| VERBENAS—Giant Mixed..... | .30 | 1.00 | |
|---------------------------|-----|------|--|

ZINNIAS

| | | | |
|----------------------|--------|-------|--|
| Dahlia Flowered..... | .30 | 1.00 | |
| Crimson | Orange | Rose | |
| White | Yellow | Mixed | |

Lilliput Mixed—All colors

| | | | |
|--------------------------------|-----|------|--|
| Lilliput Mixed—All colors..... | .30 | 1.00 | |
|--------------------------------|-----|------|--|

All of above are quoted f.o.b. Centerville, Utah. If
wanted by mail, add extra for packing and postage
15c per 10 and 50c per 50.

P.-W.'s Pansy Plants

Grown with the utmost care from the world's best mixture,
it is not putting it too strong when we say "Positively, there
are none better." First bloom about April 1. Prices. Large
plants in bloom, per dozen, 35c; 100 plants, \$2.50—add
20c per dozen for postage.

Important—Plants sent by mail have but little
soil left on roots, and should receive careful attention
upon arrival. If they appear at all withered, place in
lukewarm water for an interval of ten to fifteen
minutes. This will revive them, after which they can
be successfully planted.

All the Best in Charming Flowers

Flowers Lend Color and Beauty to Shrub Borders



for This Year's Garden

Easily grown—free cultural leaflets with each order. Ask for them.



Super Giant Snapdragon
(Antirrhinum)

Antirrhinums (A) (Snapdragons)

The peer of all garden flowers.

Maximum or Super Giants, Rust Resistant—2½ ft. The development of these new rust-proof strains has made Snapdragons more popular than ever. Plants are base branching, each producing up to 1½ dozen long, graceful spikes covered with large flowers. Foliage is clean, healthy, and luxuriant.

Alaska—Pure white.

Apple Blossom—Light pink.

Canary Bird—Canary-yellow, deeper lip.

Christmas Candle—Flame red, lighter throat.

Copper King—Burnished copper.

Crimson—Deep crimson.

Indian Summer—Reddish bronze and golden hues.

Loveliness—Soft rose-pink.

Rosalie (New)—A rich, deep rose with an underlying tone of topaz or amber. We cannot recommend it too highly for both bedding and cutting. Pkt., 25c.

Each of above—Pkt., 15c; 1/16 oz., 30c.

Super Giant or Maximum, Mixed—Pkt., 15c; 1/8 oz., 30c.

Collection Offer No. 143

1 pkt Each: Apple Blossom, Canary Bird, Copper King, Crimson, and Loveliness. (5 pkts. in all—Value 75c) -----

50c
Postpaid



Arctotis—New Hybrids

Arctotis (African Daisy) (A)

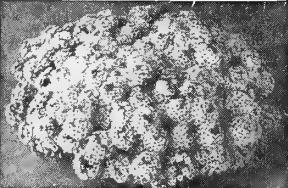
Showy, free blooming plants with large, Daisy-like flowers, 2½-3 in. across. Fine for cutting. Do best in a well-drained soil and a dry, sunny location.

Grandis (Blue-Eyed African Daisy) 2-3 ft.—Silvery white with sky-blue eye and yellow halo; downy foliage. Makes good cut flowers. Pkt., 10c; 1/8 oz., 20c.

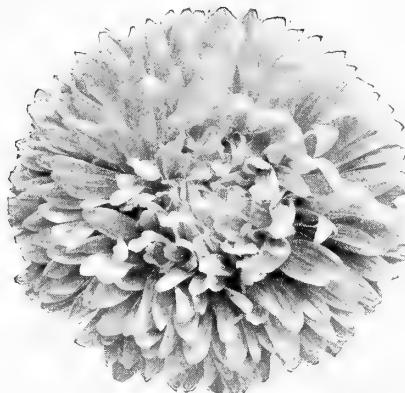
Giant Hybrids—8-12 in. Excellent border, edging, or rockery variety in shades of bronze, brown, russet, terra-cotta, apricot, yellow, rose, mauve, red, and white. Pkt., 15c; 1/32 oz., 50c.

CULTURAL LEAFLETS ON FLOWERS FREE

Space will not permit in this catalog to give cultural directions, but concise information is given in these leaflets. Ask for them when sending in your order.



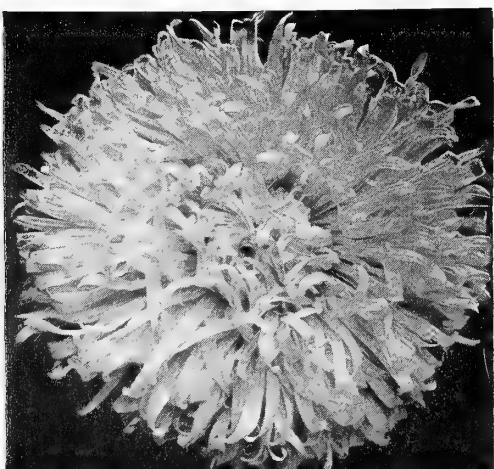
Alyssum Little Gem



Peony Flowered Aster "Silver Rose"



Improved Giant Sunshine Aster



Super Giant Aster—"Los Angeles"

Achillea (Milfoil or Yarrow) (HP)

Ptarmica, The Pearl—2 ft. June-August. Pure white, double flowers all Summer. Prized for cutting. Pkt., 15c. Plants, 3 for 60c; doz., \$1.80; postpaid.

Tomentosa—6 to 8 inches. July to September. Bright yellow flowers. Excellent for rockeries. Pkt., 10c. Plants, 3 for 60c; doz., \$1.80; postpaid.



Ageratum Blue Cap

Ageratum (A)

Dwarf Blue Cap—The best dwarf; plants are tiny mounds of flowers; large, compact, deep rich blue. Pkt., 15c; 1/16 oz., 45c.

Midget Blue—After many years of diligent selection, our grower finds real satisfaction in being able to offer a very fine dwarf, 2-3 in. high, Ageratum, practically smothered with small true Ageratum blue flowers. The first dwarf to come uniform and true to color from seed. (See color cut page 35.) Pkt., 25c; 3 for 70c.

Nanum Blue Perfection—9 inch. The darkest Ageratum grown from seed. Pkt., 10c; 1/8 oz., 25c.

Alyssum

Benthami Mariatimum (Sweet Alyssum) (A)—Flowers white, honey scented. Blooms early and continues until frost. Pkt., 10c; 1/2 oz., 20c.

Little Gem (A)—Very dwarf and completely covered with snowy-white blossoms. Pkt., 10c; 1/4 oz., 25c.

Lilac Queen, Improved (A)—A very pretty, deep lavender lilac. Dwarf, compact habit; 6 in. high. Pkt., 10c; 1/4 oz., 25c; oz., 75c.

Snow Cloth (Procumbens) (A)—Of dwarf, compact habit, but 4 in. high. They spread considerably. Pure white flowers completely cover the plants. Fine edging or border. Pkt., 10c; 1/4 oz., 30c.

Saxatile Compactum (Basket of Gold) (HP)—1 ft. May-June. Producing masses of golden flowers very early. May be planted effectively with Arabis. Pkt., 10c. Plants, 3 for 60c; doz., \$1.80; postpaid.

Argenteum (HP)—1 ft. Dwarf, dense grower, yellow flowers, in bloom all Summer, leaves silvery underneath. Pkt., 10c. Plants, 3 for 60c; doz., \$1.80; postpaid.

Hardy Asters (Michaelmas Daisy) (HP)

Autumn flowering plants, blooming in a riot of color, usually until snow. About 3 to 5 ft. high. Seed in Mixture only, pkt. 10c.

Dwarf Alpine Aster (HP)

Alpinus—Indispensable for the rockery or edge of hardy borders, grows 6 to 10 inches high, showy blue-purple flowers in May and June. Pkt., 25c.

Albus—Identical to the above, but with pure white flowers. Pkt., 25c.

ASTERS (A)

Improved California Giant—3 to 3 1/2 feet high with long, strong stems 18 to 24 inches in length bearing beautifully formed, curled and interlaced flowers 5 in. and over across. Crimson, Light Blue, Pure White, Purple, Rose and Mixed. **Any of above**—Pkt., 15c; 1/8 oz., 40c.

Early Beauty—Wilt Resistant—The outer petals reflex and the center ones curved gracefully inward. Magnificent for cutting. White, Light Blue, Dark Blue, Crimson, Shell Pink, Deep Rose and Mixed. **Each of above**—Pkt., 15c; any 3 pkts. for 35c; 1/8 oz., 35c.

Giant Crego—Wilt Resistant—The flowers measure four to five inches in diameter and are borne on stems twelve inches or more in length. Their lasting qualities when cut are unsurpassed. **White, Rose Pink, Crimson, Dark Blue, Light Blue and Mixed**. **Each of above**, pkt., 10c; 3 pkts., 25c; 1/8 oz., 35c.

Giant Mammoth Peony Flowered, Mixed—The flowers are immense, very double, borne on long, stout stems, free from laterals. Splendid for cutting as they keep longer than any other variety. Pkt., 20c; 1/8 oz., 50c.

Heart of France Aster—The largest flowering of the very dark red sorts; plants grow about 24 inches high, nicely branched, bearing in September their large, rich, deep ruby-red flowers on long, strong stems; a fine variety. Pkt., 15c; 1/8 oz., 35c.

Giant California Sunshine, Mixed—3 ft. Large flowers 4-5 in. across with loosely placed outer petals contrasting with the creamy yellow or blue centers. Pkt., 15c; 1/8 oz., 50c.

Super Giant—This is the largest and most fully double Aster class known. The flowers are from 6 to 8 in. across, with full petaled, graceful, interlacing petals. Plants are about 2 1/2 ft. tall with six to eight long, non-lateral stems per plant. Pkt., 20c.

El Monte—The immense, brilliant, glowing crimson flowers begin blooming in August and continue to frost. (See color cut page 35.) Pkt., 20c.

Los Angeles—Pure shell-pink. The long, strong stems and non-lateral habit make disbudding unnecessary for these Super Giants. Pkt., 20c.

Agrostemma (HP)

Coronaria Varieties Mixed—Attractive free-flowering, producing bright colored flowers on long, slender stems like a single pink; blooms the first season; fine for cutting. 1 to 2 feet. June-September. Pkt., **10c**. Plants, 3 for **60c**; doz., **\$1.80**; postpaid.

Amaranthus (A)

Brilliant foliaged, three feet high; thrive in a hot, sunny location.

Tri-Color Splendens (Joseph's Coat)

—Showy foliage variegated with shades of bronze, green, scarlet, and gold. Pkt., **10c**; $\frac{1}{4}$ oz., **25c**.

Molten Fire — Rich maroon foliage crowned with fiery crimson top-leaves. Gives a magnificent display until late Fall; 4 ft. tall. Pkt., **15c**; $\frac{1}{4}$ oz., **45c**.

Anchusa

Italica, Dropmore Variety—5 ft. June-July. One of the best hardy perennials. Beautiful gentian blue flowers. Thrives best in partial shade and likes a rather dry situation. Pkt., **15c**. Plants, 3 for **60c**; doz., **\$1.80**; postpaid.

Anemone (HP) (Windflower)

These popular flowers are exceedingly brilliant when in flower and excellent for cutting. Plant about 6 in. deep in a cool, moist, but well-drained soil. Cover in Winter with strawy manure.

Monarch Hybrids—A remarkable variety. (See color sheet page 36.) Pkt., **15c**; 3 for **40c**.

Sylvestris (Snowdrop Windflower)—1 $\frac{1}{2}$ ft. Large, nodding, sweet-scented white flowers, tinted lavender. Pkt., **15c**. Plants, 3 for **60c**; doz., **\$1.80**; postpaid.

Anthemis (HP) (Marguerite)

Free-flowering perennials with attractive cut foliage and large daisy-like flowers. Succeed in poor soil, but need full sun.

Perry's Variety—2 ft. The most improved variety. Large lemon-yellow daisies, in bloom all Summer. Pkt., **25c**.

Aubrieta (HP)

Excellent dwarf spreading plants for borders, beds, or rock gardens; blooms early in Spring; height 6 in.

Bougainvillei — Dark blue flowers. Pkt., **25c**. Plants, 3 for **60c**; doz., **\$1.80**; postpaid.

Leichtlinii — Large flowered rosylilac. Pkt., **25c**. Plants, 3 for **60c**; doz., **\$1.80**; postpaid.

P.W.'s Monarch Mixture — A wide range of many unusual colors provide a rich and glorious color effect. Strong flowering plants. Seed only, pkt., **35c**.

Balsam (A)

(Lady Slipper)

Double Camellia-Flowered Mixture

—Today's Balsams are greatly improved over their predecessors. Given rich soil and plenty of water, they produce continuously from Summer till Fall. Pkt., **10c**; $\frac{1}{4}$ oz., **30c**.

Balloon Vine (A)

(Love in a Puff)

A clean, free-growing vine reaching 10 to 15 feet, bearing numbers of large round, inflated seedbuds resembling miniature balloons. Pkt., **10c**; $\frac{1}{2}$ oz., **20c**.

Bellis Perennis (B)

(English Daisy)

They are very popular because of their bright color and profuse, long blooming period. Easily grown from seed. Double White, Pink, and Red. Pkt., **10c**. Plants, **55c** per dozen, postpaid.

Bleeding Hearts (Dicentra)—See page 43.

Brachycomb (A)

(Swan River Daisy) 9-12 in.

Small, cineraria-like blooms nearly all Summer. Fine for edgings, small beds, or pots. Our mixture contains all the colors: White, Pink, and Blue. Pkt., **10c**; $\frac{1}{4}$ oz., **30c**.

Boltonia (HP)

Latisquama—One of the showiest of our native hardy perennials, growing 4-6 ft. high. Lilac-pink, daisy-like flowers from July to September. Pkt., **10c**. Plants, 3 for **60c**; doz., **\$1.80**; postpaid.

Calendula (A) (Scotch Marigold)

Important and popular flowers for a garden display from early Summer until frost.

Orange Shaggy—This is a new laciniated petaled type. Deep orange color. The most graceful and unique variety in its class. Pkt., **10c**; $\frac{1}{4}$ oz., **25c**.

Chrysanthia or Sunshine—Large, clear buttercup yellow, long loosely arranged petals resembling Chrysanthemums. Pkt., **10c**; $\frac{1}{4}$ oz., **30c**.

Orange Fantasy (New)—Long, twisted outer petals, short curled inner petals; flowers $3\frac{3}{4}$ in. across. Color coppery-orange with mahogany-bronze center. Pkt., **10c**; $\frac{1}{8}$ oz., **25c**.

Improved Campfire — Rich orange flowers with a scarlet sheen. (See color cut page 45.) Pkt., **15c**; 3 for **40c**.

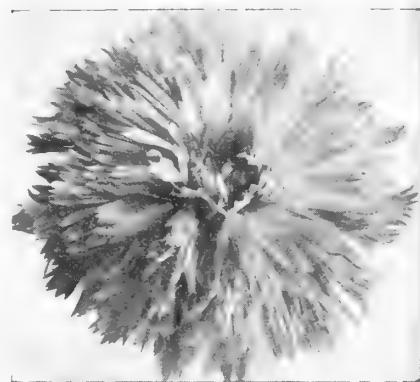
Double Giant, Mixed — All colors. Pkt., **5c**; $\frac{1}{2}$ oz., **20c**.

Cactus

All Forms Mixed—Growing Cacti from seed is both easy and interesting, each miniature plant being perfect. Directions on each package. Pkt., **10c**; $\frac{1}{8}$ oz., **50c**.



Carnation, Giant Margaret



Calendula Orange Shaggy



Calendula Chrysanthia



Caliopsis



Centaurea Cyanus

Calamintha (HP)

Alpina—A good rock plant or for the edge of the border; succeeds well in dry ground in a sunny position; small blue flowers in June; 6 inches. Pkt., 25c. Plants, 3 for 60c; doz., \$1.80; postpaid.



Celosia Cristata Dwarf

Calliopsis (A)

Drummondii Golden Crown — 1 ft. Large, orange-yellow flowers on wiry stems. Pkt., 10c; 1/4 oz., 25c.

Finest Mixed — Valuable for cutting and naturalizing. Pkt., 5c; 1/4 oz., 25c.

Annual Canterbury Bells, Best Mixed (A) — Bloom within six months from sowing seed, thus bringing Spring to the Fall garden. Plants 2 1/2 ft. tall, having 6 to 8 good spikes. Seed only, ptk., 10c; 1/8 oz., 30c.

Campanula

Calycanthema (Cup and Saucer) (B) — 2 ft. June to August. White, Pink, Blue, and Mixed. Pkt., 10c.

Campanula Medium, Single (Canterbury Bell) (B) — Pkt., 10c.

Campanula Medium, Double (B) — Pkt., 10c.

Carpathica (Carpathian Hare Bell) (HP) — 6 in. White, Blue. Pkt., 15c.

Garganica (HP) — Trailing plants; star-shaped, sky-blue flowers. Pkt., 15c.

Glomerata (Clustered Bellflower) (HP) — 20 in. Deep blue flowers. An old garden favorite. Plants only.

Persicifolia (Peach Bells) (HP) — 2 ft. Large, bright blue flowers. Fine border plant. Pkt., 25c.

Pyramidalis (Blue Chimney Bellflower) (HP) — Pkt., 10c.

Rotundifolia (Blue Bells of Scotland) (HP) — 1 ft. Clear blue. Most suitable for rockery slopes. Pkt., 15c.

Plants of any of above, 3 for 60c; doz., \$1.80; postpaid.

Candytuft (A)

For massing with taller plants or for border edgings, they are fine. Plant any time except July-October.

Giant Hyacinth-Flowered White — 1 ft. Large, bold spikes of snowy white flowers, habit sturdy and compact; desirable for cutting. Pkt., 10c; 1/4 oz., 30c.

Dwarf Hybrids, Mixed — 6 in. Compact growth, covered with large flowers ranging in color from rose, salmon, coral-pink and delicate blush to lilac and purple crimson. Pkt., 10c; 1/4 oz., 25c.

Umbellata Finest Mixed — 1 ft. Umbrella-shaped flower heads. Pkt., 10c; 1/4 oz., 25c.

Canary Bird Vine (A)

A dainty vine with beautiful cut leaves and pretty, delicate flowers of a clear canary-yellow. Does well in shade. 15 to 20 feet. Pkt., 10c; 1/2 oz., 30c.



Celosia Cristata Dwarf

Cardinal Climber (A)

Very attractive, rapid grower, attaining a height of 25 feet, with beautiful fern-like laciniate foliage and literally covered with a blaze of fiery cardinal red flowers from midsummer until frost. Pkt., 10c; 1/4 oz., 35c.

Carnations

Giant Marguerite (A) — The most popular Carnation with the amateur as they begin to flower in a few weeks from time of sowing; 18 inches. An improved strain with flowers of extra-large size in a splendid range of colors. Pkt., 10c.

Hardy Border, Double Mixed (HP) — Large double flowers bloom freely the second season; a great variety of colors. Pkt., 15c. Plants, 3 for 60c; doz., \$1.80; postpaid.

Margaret Red — Plants only, 3 for 60c; doz., \$1.80; postpaid.

Margaret Yellow — Plants only, 3 for 60c; doz., \$1.80; postpaid.

Celosia (Coxcomb) (A)

Chinese Woolflower (Childsii) — Well-branched plants, each tipped with a round, woolly flower head. Pkt., 10c; 1/8 oz., 30c.

Dwarf Crested Mixture (Cristata) — These resemble a rooster's comb; velvet-like in texture. Includes shades of yellow, orange, crimson, purple, and rose. Pkt., 10c; 1/8 oz., 30c.

Pride of Castle Gould — Large, fluffy, ostrich-feather-like plumes of yellow, scarlet, crimson, and orange in mixture. Pkt., 15c; 1/8 oz., 50c.

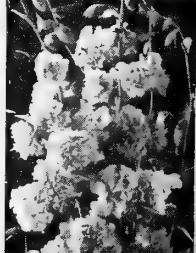
Plumosa, Finest Mixed — Form numerous massive plumes resembling ostrich feathers, and wave gracefully above the foliage. 2 1/2-3 ft. Pkt., 10c; 1/8 oz., 20c.

Cerastium (HP)

Tomentosum (Snow in Summer) — 4 inches. Silvery white foliage, covered with snow-white flowers in early Summer. Pkt., 15c. Plants, 3 for 60c; doz., \$1.80; postpaid.



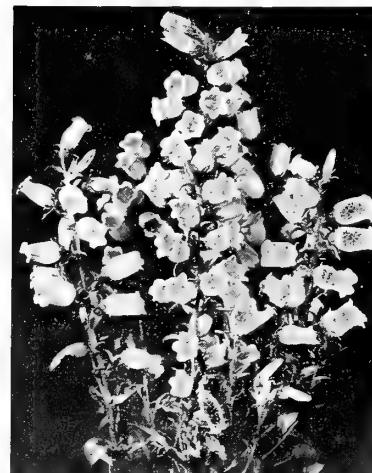
Gt. Hy. Candytuft



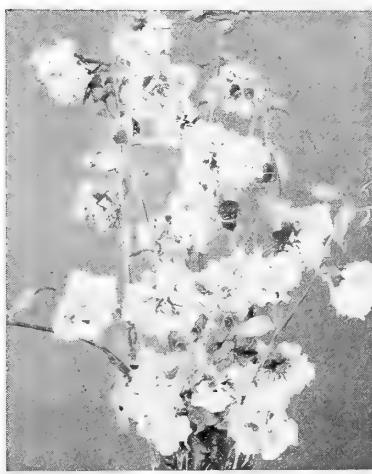
Clarkia Enchantress



Celosia Plumosa



Canterbury Bells



Clarkia, Salmon Queen

Centaurea

Candidissima (Dusty Miller) (A)—10 inches thick, silvery white leaves. Should be sown early. Pkt., 10c; $\frac{1}{8}$ oz., 25c.

Cyanus (Bachelor's Button or Corn-flower)—2 ft. Most valuable flower for the border, beds, and for cutting. **Double Flowering Varieties, Mixed** (A)—Pkt., 10c; $\frac{1}{4}$ oz., 20c.

Dealbata (HP)—2 ft. Large and striking rose-pink flowers in June and July. Feathery foliage. Pkt., 15c. Plants, 3 for 60c; doz., \$1.80; postpaid.

Imperialis (Sweet Sultan) (A)—These large, long-stemmed, sweet-scented flowers are exquisitely fringed and truly graceful in appearance. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

New Jubilee Gem (A)—Charming, compact plants, about 1 ft. tall, literally covered with dark but vivid blue flowers. Beautiful in edgings, borders, rock gardens, and pots. (See color cut, page 45.) Pkt., 10c; $\frac{1}{8}$ oz., 30c.

Montana Blue (Hardy Corn Flower) (HP)—2 feet. June-September. Beautiful blue. Seeds, pkt., 10c. Plants, 3 for 60c; doz., \$1.80; postpaid.

Cheiranthus (HP) (Siberian Wallflower)

Allioni—A beautiful rock plant. Dazzling fiery orange flowers, on stems about a foot high. Best used as a biennial as it frequently blooms itself to death. Pkt., 10c. Plants, 3 for 60c; doz., \$1.80; postpaid.

Golden Bedder—Same habit and form as Allioni except its flowers are light yellow, blending well with Tulips of the more delicate shades. Seed only, pkt., 15c.

Chelone (HP) (Shellflower) 2-4 feet

Numerous spikes of large flower heads resembling a turtle's head. Summer and Fall.

Barbata Torrey—Terminal spikes of brick-red flowers. Pkt., 10c. Plants, 3 for 60c; doz., \$1.80; postpaid.

Chrysanthemum (A)

Showy and effective garden favorites of easiest culture.

Finest Mixture, Doubles and Singles—Pkt., 10c; $\frac{1}{4}$ oz., 20c.

Clarkia (A) (Elegans Double) 2 feet

The flowers are best described as resembling sprays of Double Flowering Almond. Easy to grow. Fine for cutting.

Apple Blossom—Pink.

Enchantress—Orange shading to pink.

Salmon Queen—Salmon-pink.

Scarlet Queen—Scarlet.

Each of above—Pkt., 10c; $\frac{1}{4}$ oz., 35c.

Finest Double Mixed, all colors—

Pkt., 10c; $\frac{1}{4}$ oz., 30c.

Cobaea (A)

Scandens Cathedral Bells (A)—30 ft. Handsome, rapid growing climber; flowers are bell-shaped and open a clear green but turn a beautiful purplish lilac. Seed should be sown edge-wise. Prolific bloomer. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

Coreopsis (HP)

Lanceolata Grandiflora—2 ft. Large, orange-yellow flowers on long graceful stems. Bloom incessantly. Pkt., 10c. Plants, 3 for 60c; doz., \$1.80; postpaid.

Semi-Double Grandiflora—Beautiful semi-double flowers; otherwise the same as "Lanceolata." Pkt., 15c. Plants, 3 for 60c; doz., \$1.80; postpaid.

Cosmos (A) (4 to 6 feet)

Early Flowering Single Mammoth—Mixed colors. Pkt., 10c; $\frac{1}{4}$ oz., 20c.

Late Giant Single Flowered—Mixed colors. Pkt., 10c; $\frac{1}{4}$ oz., 20c.

Double Early Flowering—Best mixed. Beautiful double flowers of good size, long stems. Pkt., 15c; $\frac{1}{8}$ oz., 35c.

Early Orange Flare—4 ft. Popular everywhere. Beautiful golden-orange flowers from July till frost. Pkt., 10c; $\frac{1}{8}$ oz., 30c.

Sensation, Early Mammoth Flowering—Flowers 4-6 inches across will bloom in 8 to 10 weeks after sowing. Broad fluted petals slightly overlap, forming a very full single flower. Magnificent in every respect. We feel confident "Sensation" will soon surpass all other single types. Pkt., 10c; $\frac{1}{8}$ oz., 30c.

Cynoglossum (A) (Chinese Forget-Me-Not)

Firmentum—15-18 in. tall. A new dwarf type of Chinese Forget-Me-Not with rich flowers of vivid indigo blue. The plants form healthy, compact bushes with leaves set low, out of which rise the many long-stemmed panicles densely covered with bright blue flowers. Bronze Medal Winner. Pkt., 20c.

Cypress Vine (15 feet)

A graceful, twining annual climber with delicate, fern-like foliage and a profusion of star-shaped blossoms. Scarlet and white mixed. Pkt., 10c; $\frac{1}{2}$ oz., 25c.

Dahlias

Easy to grow from seed and will bloom the first season if seed is sown early; the single sorts will even bloom from seed sown in the open ground as late as June.

Coltness Hybrids, Mixed—Single flowers, dwarf plants, 18 inches. Pkt., 15c; $\frac{1}{16}$ oz., 35c.

Unwin Hybrids, Mixed—Miniature double colorful flowers; plants 18 in. Pkt., 15c; $\frac{1}{16}$ oz., 35c.

Double, All Types, Best Mixed—Pkt., 10c; $\frac{1}{16}$ oz., 30c.

See pages 47-48 for Dahlia Roots.
Delphinium (HP)

Belladonna—Lovely light blue. Pkt., 20c.

Bellamousum—Rich, deep blue. Pkt., 20c.

New Pacific Hybrids—The world's finest Delphinium. See page 44.

Wrexham Hybrids, Mixed—Enormous spikes set with large single or double blooms in all the glorious shades of blue found in Delphinium. Pkt., 25c. Plants, 3 for 90c; doz., \$3.00; postpaid.

All
Flower
Seed
is
Quoted
Post-
paid



Dahlia



Dianthus Single



Coreopsis New Semi-Double



Double Cosmos, Anemone Fl.



Digitalis
(Foxglove)



Dimorphotheca
Aurantiaca



Eschscholtzia
(California Poppy)

Dianthus (Pinks) (Garden Pinks)

A large selection of plants for sunny borders, rock gardens, or rock walls. Experienced gardeners use them liberally. Hardy anywhere.

New Laciniatus Splendens (A) — Flowers over two inches across, in a brilliant shade of crimson, with a large glistening white eye. Pkt., 15c; $\frac{1}{8}$ oz., 40c.

Best Single Mixed (A) — Pkt., 5c; $\frac{1}{4}$ oz., 25c.

Best Double Mixed (A) — Pkt., 10c; $\frac{1}{8}$ oz., 30c.

Caesius (Cheddar Pink) (HP) — Attractive compact tufts only a few inches high, from which spring the sweet-smelling, rose-colored flowers in great profusion. Pkt., 25c.

Deltoides (Maiden Pink) (HP) — 8 in. Delicate pink blossoms carried above fine, feathery foliage. Pkt., 25c.

Graniticus (H) — Grows about 4 in. high; forms a dense carpet, covered in May and June with bright crimson flowers. Plants only.

Plummaris (HP) — Very desirable sweet-scented, low-growing, early blooming and free flowering. **Single Mixed** and **Double Mixed**. Pkt., 10c.

Plants of any of the above marked "(HP)", 3 for 60c; doz., \$1.80; postpaid.

Digitalis (Foxglove) (B)

The flowers are shaped and spotted like Cloxiniæ; 3-4 ft. tall. Splendid for beds and borders. Seed should be sown every year for continuous display.

Gloxiniaeflora Mixture — Contains several choice colors, including purple, rose, and white, some spotted. Pkt., 10c. Plants, 3 for 60c; doz., \$1.80; postpaid.

Grandiflora — 2-3 ft. Blooming in June and July, yellowish flowers marked with brown. Plants only, 3 for 60c; doz., \$1.80; postpaid.

Dimorphotheca (A)

(African Golden Daisy) Aurantiaca — A showy annual daisy. The bushy plants grow 12 to 15 in. high. Flowers are 2½ inches and over across, unique, rich, glossy orange-gold with dark disc and halo. In bloom all Summer and Fall. Pkt., 10c; $\frac{1}{8}$ oz., 25c.

Dolichos (A) (Hyacinth Bean)

Hyacinth Bean — A rapid-growing annual climber with showy pea-shaped flowers followed by ornamental seed pods. Sow in the garden in May where to remain. Grows 10 ft high. Pkt., 10c; oz., 25c.

Doronicum (HP)

Caucasicum — Large, bright yellow, daisy-like flowers on 2 ft. stems. Fine for cutting, as it carries well and stands a long time in water. Plants only, 3 for 60c; doz., \$1.80; postpaid.

Eschscholtzia (A) (California Poppy)

Favorite annual. Sow early in the Spring where to bloom, using a sunny position and a soil not too rich, 1 ft.

Aurantiaca (Orange King) — Rich golden orange. Pkt., 10c; $\frac{1}{8}$ oz., 25c.

Ramona Hybrids Mixed — Flowers beautifully frilled and fluted. Plants are more

dwarf and attractive than the regular strains. Pkt., 10c; $\frac{1}{8}$ oz., 30c.

Mixed, all colors — Many shades. Pkt., 5c; $\frac{1}{4}$ oz., 20c.

New Scarlet Beauty — Large flowering, semi-double type, a brilliant deep, bright cerise-scarlet, suffused terracotta at base. An entirely new break in California Poppies. (See page 45.) Pkt., 20c; $\frac{1}{8}$ oz., 35c.

Euphorbia

Myrsinites (HP) — 8 in. June-July. Distinct gray trailer, large heads of yellow flowers. Seeds, pkt., 15c; Plants, 3 for 60c; doz., \$1.80; postpaid.

Variegata (Snow on the Mountain) (A) — The flowers are inconspicuous; the foliage, however, is attractive; veined and margined with white. 2 feet. Pkt., 5c; $\frac{1}{4}$ oz., 25c.

Feverfew (Matricaria) (HP)

Little Gem — A most useful border plant and valuable Summer cut flower, with large, double white flowers; June until October; 18 to 24 inches high. Pkt., 10c. Plants, 3 for 60c; doz., \$1.80; postpaid.

Four O'Clocks (A) (Mirabilis)

Marvel of Peru (A) — 2 ft. This is another good old-fashioned flower of bushy habit, bearing hundreds of flowers during the season of white, yellow, crimson and violet.

Mixed, all sorts and colors — Pkt., 5c; oz., 20c.

Gaillardia (Blanket Flower)

Flowers in June, and continues the entire season. Ht., 18-24 inches.

Grandiflora Mixed (HP) — Composite flowers, variegated with shades of red and yellow. Pkt., 10c. Plants, 3 for 60c; doz., \$1.80; postpaid.

New Hybrids (HP) — Very large flowers in a great variety of colors. Seed only, pkt., 25c.

Lorenziana Double Perfection Mixed (A) — From early Spring until late Fall a continuous profusion of brilliantly colored flowers in rich shades of red and yellow. Sow where they are to remain. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

Geranium (Crane's Bill)

Sanguineum — A desirable plant; with pretty cut foliage and bright crimson flowers; blooms the entire season. 18 in. Plants, 3 for 80c; doz., \$1.80; postpaid.

Geum (HP)

Mrs. Bradshaw — Large, double, rich scarlet blooms produced from May to September. Ht., 15-18 in. Pkt., 15c. Plants, 3 for 60c; doz., \$1.80; postpaid.

Godetia (A)

An unusually attractive annual deserving wider use. People who live in higher valleys where the Summers are not too hot will find these showy flowers of satiny texture unexcelled. They thrive in rather poor soil and bloom better if plants are a bit crowded. Fine for cutting.

Duke of York — Glistening rich scarlet, edged with white. Pkt., 15c; $\frac{1}{8}$ oz., 30c.

New Kelvedon Glory — A glowing salmon-orange. Pkt., 15c; $\frac{1}{8}$ oz., 30c.

New Double Sybil Sherwood — Bright salmon-pink, softened by an undefined edging of white. Pkt., 15c; $\frac{1}{8}$ oz., 35c.

Gourds (A)

Rapid growing annual climbers with ornamental foliage and uniquely shaped fruits. 15-20 ft.

Small Fruited Varieties, Mixed—Pkt., 10c; $\frac{1}{2}$ oz., 20c.

All Varieties, Mixed—Pkt., 5c; $\frac{1}{2}$ oz., 20c.

Gypsophila

Elegans (A)—2 ft. Large, pure white. Several sowings should be made to keep up a supply. Pkt., 10c; $\frac{1}{2}$ oz., 20c.

Elegans Delicate Pink (A)—A pretty blushing form of the above. 18 inches. Pkt., 10c; $\frac{1}{2}$ oz., 25c.

Paniculata Flore Pleno (HP)—Improvement on the single-flowered type and more lasting, the flowers forming miniature balls of white petals. 2-3 ft. July-August. Not quite fixed, but about 25 per cent come true. Seed only, pkt., 25c.

Paniculata (Baby's Breath) (HP)—2-3 ft. July-August. Small flowers on branched stems, so thick as to give the plant a white lace-like effect. Seeds, pkt., 10c. Plants, 3 for 60c; doz., \$1.80; postpaid.

Repens (HP)—Dwarf white Baby's Breath. Splendid in rockery. Pkt., 15c. Plants, 3 for 60c; doz., \$1.80; postpaid.

Helenium (HP)

Riverton Gem—Covered from August to October with brilliant old gold and splashes of darker shades, changing later to wallflower red. 3½ feet. Pkt., 15c; Plants, 3 for 60c; doz., \$1.80; postpaid.

Helianthemum (HP)

(Rock or Sun Rose)

Mutabile—Exceedingly pretty, low growing, evergreen plants about 12 in. high, forming broad clumps which during their flowering season, June and July, are quite hidden by a mass of bloom. Well adapted to the front of the border, the rockery, or a dry, sunny bank. Choice mixed varieties. Pkt., 10c. Plants, 3 for 60c; doz., \$1.80; postpaid.

Hemerocallis (HP)

Flava (Yellow Day Lily)—The best known variety; very fragrant, deep lemon-yellow flowers in June and July; height 2½ to 3 feet. Plants only, 3 for 60c; doz., \$1.80; postpaid.

Helichrysum (A)

(Strawflower)

Helichrysums are an ornament to the garden when growing and are everywhere prized for the winter bouquets.

Mixed, all colors—Pkt., 10c; $\frac{1}{4}$ oz., 25c.

Heliotrope (A)

Mammoth Mixed—Large flowers, ranging in shade from dark blue to lilac. Pkt., 10c; $\frac{1}{8}$ oz., 40c.

Heuchera (Alum Root) (HP)

Brizoides—Pale pink flowers produced profusely in May. Robust foliage. Plants only, 3 for 60c; doz., \$1.80; postpaid.

Sanguinea—2 ft. July-August. Long stems of large crimson-scarlet flowers. Splendid for cutting. Seeds, pkt., 25c. Plants, 3 for 60c; doz., \$1.80; postpaid.

Hibiscus (Mallows) (HP)

Shrub-like plants with handsome green foliage, bearing throughout Summer large,

bright flowers, from 3 to 5 inches in diameter. August-September. Very hardy. Suitable for garden and indoor use when cut 3 to 5 feet high.

Mixed Mallow Marvels—Grand assortment. Seed, pkt., 10c. Plants, 3 for 35c; postpaid.

Hollyhock

These are majestic plants 5 to 7 feet high and a clump or line of them gives an effect not attainable with any other plant. Fine for background planting.

Double Varieties (HP)—This seed has been saved from the finest double-flowering plants and it is sure to give a wonderful effect in your garden.

Crimson Rose Salmon Yellow Maroon Red White Mixed Any of above, pkt., 10c; $\frac{1}{8}$ oz., 30c; $\frac{1}{4}$ oz., 50c.

Single Varieties Mixed (HP)—Becoming increasingly popular as people are now realizing that the single flowering sorts have a distinct beauty and charm of their own. Pkt., 10c.

Indian Spring (A)—All-America Selection 1939. Blooms the first year in less than five months after seed is sown: it is a flower for everybody's garden. Semi-double, crinkly edged, rose-pink flowers are borne profusely for several weeks during the Summer. Normally 3½-4 ft. tall; sometimes as high as 6 ft. Pkt., 25c.

Hunnemannia (A)

Fumariaefolia (Bush California Poppy) —1½ ft. Plants grow bushy, large cup-shaped flowers 3 inches across on stems 12 inches long. Clear, bright yellow, broad and crinkled, like crushed satin. The cut blooms keep in water two weeks. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

Sunlite—New semi-double, clear canary yellow. Height, 2 ft. Pkt., 10c; $\frac{1}{8}$ oz., 30c.

Iberis (HP)

Perennial Candytuft—Dwarf evergreen plants, 6 to 10 inches, covered with blooms in Spring and early Summer. Excellent for rockeries or borders where bright dwarf masses are wanted.

Gibraltarica—Pinkish white. Seed, pkt., 10c.

Sempervirens—Flowers from a sheet of whiteness. Seeds, pkt., 15c. Plants, either of above, 3 for 60c; doz., \$1.80; postpd.

Iris—See page 44.

Kochia (A)

Childsii (Burning Bush)—Grows 2 to 2½ feet high and resembles a close-clipped ornamental evergreen. In Autumn becomes blood-red, whence the name of Burning Bush, etc. Pkt., 10c; $\frac{1}{4}$ oz., 20c.

Kudzu Vine (HP)

(Jack and the Bean Stalk)

The most rapid growing vine in cultivation, often attaining a growth of 40 ft. in one season. Makes dense shade as its leaves are large. Blooms pea-shaped, color rosy-purple. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

Lathyrus Latifolius (HP)

Everlasting Pea—Very decorative climbing vines of the pea family for growing on fences, trellis, etc. Bloom all Summer.

Pink, White, Crimson and Mixed—Pkt., 10c. Plants, 3 for 60c; doz., \$1.80; postpaid.



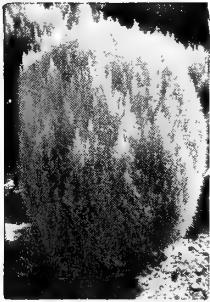
Double Hollyhock



Mrs. Bradshaw (Geum)



Hibiscus (Mallow)



Kochia (New Giant)



All Double Marigold



Lupinus, New Hartwegi Giants



Larkspur, Stock

Larkspur (Giant Imperial) (A)

This type has superseded all others for florists' and garden use. The delphinium-like spikes of double flowers, carried on stems 4-5 ft. long, are compactly placed on the upright growing plants, requiring only about one-half the space needed for the old stock flowered type of Larkspur.

Blue Bell—Blue. Lilac Spire—Lilac. Carmine King—Carmine. Los Angeles—Salmon. Daintiness—Lavender. Peach Blossom—Pink. Exquisite Rose—Pink. White Spire—White.

Giant Imperial Mixed—These and others.

Price—Any of above, pkt., 15c; 3 for 40c; $\frac{1}{4}$ oz., 35c.

Lavandula (Lavender) (HP)

Vera—This is the true Sweet Lavender; grows about 18 inches high; delightfully fragrant, blue flowers in July and August. Seeds, pkt., 10c. Plants, 3 for 60c; doz., \$1.80; postpaid.

Liatris (Blazing Star) (HP)

Pystostachya—Showy and attractive native plants, succeeding anywhere, producing large spikes of light rosy-purple flowers in July and August. 5 feet. Seeds, pkt., 10c. Plants, 3 for 60c; doz., \$1.80; postpaid.

Lily-of-the-Valley—See page 43.

Linaria (HP)

Cymbalaria (Kenilworth Ivy, or Mother of Thousands)—Lavender and purple. Hardy trailing plant, suitable for baskets, vases, pots and rock work. Seeds only, pkt., 10c.

Dalmatica—Large, bright yellow flowers, borne at the tops of the branches in a long, loose spike; 3 to 4 ft. June-September. Seeds, pkt., 10c. Plants, 3 for 60c; doz., \$1.80; postpaid.

Linum (Flax)

Perenne (Blue Flax) (HP)—A desirable plant for the border or rockery, growing 1½ feet high, with light graceful foliage and large, blue flowers all Summer. Pkt., 10c. Plants, 3 for 60c; doz., \$1.80; postpaid.

Grandiflora Rubrum (Crimson Flax) (A)—2 feet. Brilliant glowing crimson-rose. Blooms from May to October if sown successively. Pkt., 10c; $\frac{1}{4}$ oz., 20c.

Lobelia (A)

Highly desirable for edgings, ribbon bedding and garden decoration, as well as for pot culture. One variety meets almost universal acceptance.

Crystal Palace Compacta—6 inches. Rich, deep blue; dark foliage; the finest for beddings. Pkt., 10c; $\frac{1}{8}$ oz., 45c.

Lunaria (Honesty) (A)

Annus (Biennis) (St. Peter's Penny)—Flowers purple, followed by silvery seed pods, prized for winter decoration. Annual but readily self-sows. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

Lychinis Campion (HP)

Chalcedonia (Jerusalem Cross)—A most desirable plant, heads of brilliant orange-scarlet in June and July; grows 2 to 3 feet high. Pkt., 10c. Plants, 3 for 60c; doz., \$1.80; postpaid.

Marvel of Peru—See Four O'clocks.

Mignonette (A)

Very popular for cutting and combining in bouquets with other more pretentious blossoms lacking its delicate odor.

Machet—Best for all purposes. An ever-bloomer, lasting until late in the Fall. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

Lupinus (Lupine)

Important!—Seed of Lupinus should be "nicked" for good germination.

New Hartwegi Giant, Mixed Colors (A)

—A marked improvement. Grow 3-4 ft. tall; branches from the base; has 4-6 spikes to a plant, with larger, more profuse blooms. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

Polyphyllus Mixed (HP)—Pkt., 10c. Plants

3 for 60c; doz., \$1.80; postpaid.

Russell (HP)—A sensation in the Horticultural world. Contains many new colors and shades never before seen. Pkt., 20c. Plants, 3 for \$1.00; doz., \$3.50; postpaid.

Marigold (A)

American Beauty Mixed—This new Chrysanthemum-flowered Marigold is becoming increasingly popular. The petals are very quilled and incurved. The beautiful colors include the most fascinating shades of orange, golden orange, and yellow. Pkt., 15c; $\frac{1}{8}$ oz., 45c.

New Sunset Giants—(See color page 36.)

Pkt., 10c; $\frac{1}{8}$ oz., 40c.

Guinea Gold—Produces 30 to 40 flowers, 2 to 2½ inches across, of a brilliant orange flushed with gold. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

African Orange Alldouble—Splendid orange. Almost one hundred per cent double. Pkt., 15c; $\frac{1}{8}$ oz., 35c.

African Lemon Alldouble—A clear lemon yellow. Pkt., 15c; $\frac{1}{8}$ oz., 35c.

African Tall Mixed—Extra large double flowers. Pkt., 5c; $\frac{1}{4}$ oz., 25c.

Dwf. French "Royal Scot"—Double flowers of mahogany and gold in stripes radiating from center of the flower. Pkt., 10c; $\frac{1}{8}$ oz., 30c.

Dwarf French Double Monarch Strain—

A greatly improved strain, very compact with large double flowers in a wide range of colors in combinations of orange, bronze, yellow, and mahogany. Pkt., 10c; $\frac{1}{8}$ oz., 20c; $\frac{1}{4}$ oz., 35c.

Dwarf French Double Harmony Hybrids

(See front cover)—100% All Double flowers average 1¾ inches in diameter; plants are 12-14 inches in height. One of the outstanding introductions of the season. Pkt., 15c; $\frac{1}{4}$ oz., 50c.

Legion of Honor—Dwarf single flowers of rich golden-yellow, marked with velvety-brown. Best for edging. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

Signata Pumila (Gnome)—6 in. A dwarf, compact, bushy plant, with beautiful, delicate fern-like leaves, densely covered with single flowers of bright golden-yellow. Pkt., 10c; $\frac{1}{4}$ oz., 40c.

Moon Vine (Ipomoea) (A)

White Flower—Covered with large, white flowers every evening and cloudy day. Start seeds inside. Pkt., 10c; $\frac{1}{2}$ oz., 30c.

Giant Pink—Soft, lilac-pink flowers. Pkt., 10c; $\frac{1}{2}$ oz., 30c.

Mixed Colors—Pkt., 10c; $\frac{1}{2}$ oz., 30c.

Morning Glories (A)

Heavenly Blue Clark's Mammoth

Early Flowering—Finest of all. Measure 3½ to 4 inches across; deep blue with white throat. Pkt., 10c; $\frac{1}{4}$ oz., 40c.

Scarlet O'Hara—An entirely new color, rich dark rosy-crimson. Of good size, about 4 inches in diameter, produced on fast growing vines. Gold Medal All-America 1939 Selection. Be sure to file or soak seed to hasten germination. Pkt., 10c; $\frac{1}{2}$ oz., 25c.

Tall Climbing Varieties; Mixed, all colors—Pkt., 5c; $\frac{1}{2}$ oz., 15c; oz., 25c.

Myosotis (Forget-Me-Not) (B)

They are considered among the best spring flowers. Respond to good treatment and flourish in shady, moist situations.

Alpestris Royal Blue—Compact deep blue. Pkt., 10c; $\frac{1}{8}$ oz., 25c.

Palustris Semperflorens (HP)—Dwarf blue, in flower from early Spring until Autumn. Seeds, pkt., 20c. Plants, 3 for 60c; doz., \$1.80; postpaid.

NASTURTIUMS (A)

New Double Sweet Scented Semi Dwarf

Golden Gleam—A blaze of golden yellow.

Indian Chief (New)—Brilliant scarlet, dark foliage. The contrast of foliage and flower is unusually striking. Many authorities believe it will soon become as popular as Golden Gleam. Pkt., 15c; oz., 50c.

Scarlet Gleam—Fiery orange-scarlet.

Gleam Hybrids—A gorgeous color array.

Any of above—Pkt., 10c; oz., 20c; postpaid.

Double Dwarf Globe Sweet Scented

New Golden Globe—Deep golden yellow. Pkt., 15c; oz., 30c.

New Scarlet Globe—Cerise scarlet. Pkt., 20c; oz., 40c.

Best Tall Single Mixed—Pkt., 5c; oz., 15c.

Best Dwarf Single Mixed—Pkt., 5c; oz., 15c.

Nepeta (Ground Ivy) (HP)

Mussini—Neat bushes of small lavender-like foliage covered with spikes of lavender-blue. For beds, edging or Rock Garden. May to September. Seeds, pkt., 25c. Plants, 3 for 60c; doz., \$1.80; postpaid.

Nicotiana (A)

(Sweet Scented Tobacco Plant)—Easy to raise and most effective. The flowers open toward evening and emit a powerful perfume. 2 ft.

Mixed Colors—Pkt., 10c; $\frac{1}{4}$ oz., 30c.

Nierembergia Hippomanica (A)

(Dwarf Cup Flower)

Dwarf, compact plants, 5-6 in. tall and with an 8-10 in. spread, are literally covered with clear lavender-blue, cup-shaped flowers throughout the Summer. Unexcelled for edging, borders, rockeries, and window boxes or flower pots. Pkt., 25c; 1/128 oz., 70c.

Nigella (A)

(Love in the Mist)—1½ feet

Miss Jekyll—A lovely variety, bearing on long stems large, semi-double flowers of a lovely, tender blue, nestling in fine, feathery foliage. Pkt., 10c; $\frac{1}{4}$ oz., 20c.

Nemesia (A)

Large Flowering Mixture—Pleasing masses of low growth for beds and edging. The lovely orchid-like flowers bloom throughout the Summer and Fall in a wide range of colors. Do best in a cool position. Pkt., 15c; $\frac{1}{8}$ oz., 35c.

Oenothera (Evening Primrose) (HP)

Frazeri—Thrives in an exposed sunny position in border or rockery. Flowers pale yellow on 12-inch stems from June until October. Plants only, 3 for 60c; doz., \$1.80; postpaid.

Ornamental Hardy Grasses (HP)

Erianthus Ravennae (Pampas Grass)—10-12 ft. high, frequently throwing up 30 to 50 flower spikes, topped with silvery plumes. 50c each; postpaid.

Eulalia Japonica—Long, narrow, graceful green foliage with attractive silvery grey plumes 6-7 ft. high. 40c each; postpaid.

Eulalia Gracillima Univittata (Japan Rush)—Graceful, narrow foliage, bright green in color, with silvery mid-rib. 6-7 ft., fine plumes. 40c each; postpaid.

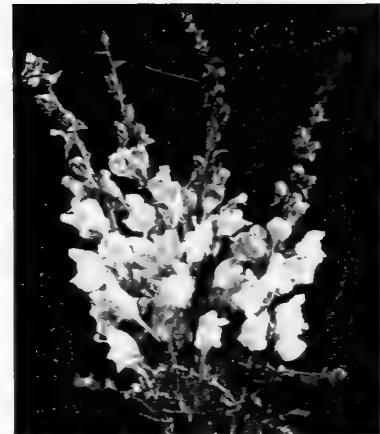
Festuca Glauca (Blue Fescue Grass)—Narrow blue-green leaves. 1 ft. 3 for 60c; doz., \$1.80; postpaid.

Pentstemon (Beard Tongue)

These bloom persistently through the summer; very useful for cut flowers or for color masses.

Large Flowering Newest Hybrids (HP)—Splendid asst. colors. Seeds, pkt., 15c. Plants, 3 for 60c; doz., \$1.80; postpaid.

Sensation (HHP)—If sown in heat in February will flower freely the first year, producing handsome gloxinia-like flowers often 2 in. across; brilliant and varied colors, beautifully edged. Pkt., 25c; $\frac{1}{16}$ oz., 60c.



Linaria Dalmatica



Imp. Gnome Signata Pumila (Marigold)



Dwarf Cup Flower



Nasturtium Golden Gleam



Steele's Miracle Mixed Pansy



Petunia Burgundy



Giants of California

PANSIES

P.-W.'s Giant Inter-National Mixture

It includes the richest reds, coppers and bronzes, together with the most delicate rose-pink shadings. Pkt., 25c; 1/16 oz., 60c; 1/8 oz., \$1.00.

New Roggli's Giant No. 103 Substantial, well-rounded, huge flowers are supported by long stems. Flowers measure as large as 4-5 in. across. Largest and best of all Giant strains. (See cut page 35.) Pkt., 50c; 1/8 oz., \$1.50.

Steele's Miracle Mixed This is one of the most colorful mixtures of mammoth flowering pansies of which we are familiar. Pkt., 25c; 1/16 oz., 75c.

Good Bedding Mixed—Free flowering, blossoms slightly smaller than the Giant sorts. Pkt., 10c; 1/8 oz., 30c.

Scotch or Tufted Pansies (Viola Cornuta)—Bloom all summer from seed sown in early spring, and are valuable for rock gardens, edging beds and borders. Require protection during winter. Height, 3-6 inches. **Blue, Violet, White, Yellow, Rose and Mixed**—Pkt., 10c; 1/8 oz., 35c.

PETUNIAS

Fringed Giant Flowering Types

Dwarf Fringed Giant Mixed (Ramona Strain)—Dwarf, ruffled and fringed, with open, well-marked throats. Pkt. (200 seeds), 35c.

Giants of California, Florist Strain—These are of great beauty, including fringed and deep-throated sorts in endless variety of colors. Pkt. (200 seeds), 25c.

Super Fluffy Ruffles—So ruffled and frilled that the flowers have the appearance of being double. Flowers are very large with a large throat. A well-balanced mixture of outstanding beauty is the loveliest frills and ruffles imaginable. Pkt., 25c.

Super Ruffled Monsters—Giant flowers with large throat and exquisitely ruffled edges; many bewitching shades and colors. Pkt. (250 seeds), 40c.

Theodosia—Large, fringed rose-pink with gold throat. Highly recommended. Pkt., 25c.

New All-Double Dwarf Victorious

Compact plants covered with glorious large blooms which come practically 100% double. The graceful fringed edges add a charming touch. Brilliant blooms in a wonderful range of color. Pkt. (100 seeds), 50c.

Plain-Edged Giant Flowering Types

Burgundy—Deep Burgundy-red, enhanced by a rich velvety sheen. The white throat, veined purplish red, creates a pleasing contrast. Flowers measure 3 1/2 in. Pkt., 20c; 3 pkts., 50c.

Elk's Pride—(Improved Purple Prince)—Largest, darkest, and best velvety purple. Pkt., 25c.

Single Bedding Petunias

Celestial Rose (Improved Rose of Heaven)—More compact in growth and deeper. A beautiful, rich, satiny rose. Pkt., 15c.

General Dobbs—Crimson. **Topaz Rose**—Fiery rose. **Snowball**—Pure satiny-white. **Violet Queen**—Violet-blue. **Price**—Any of above, pkt., 10c; 1/8 oz., 50c.

P.-W.'s Single Mixed Bedding—Pkt., 10c; 1/8 oz., 30c.

Rose Gem—New dwarf single miniature. Grows 5 to 6 inches high; rich, rose-colored blooms. Pkt., 20c.

Velvet Ball (Nana compacta)—The last word in compactness, dwarfness, and free flowering character. Height about 8 inches, with a spread of 8 to 10 inches. Blooms about 2 1/2 inches in diameter of a deep luscious shade of velvety blood-red. A great improvement over "Flaming Velvet." All-American Selection 1939. Pkt., 25c.

Balcony Petunias

Trailing habit. Most excellent for window or porch boxes. **White**—Pure white. **Red**—Very brilliant. **Blue**—Rich shade.

Mixed—All colors. Any of above, pkt., 15c; 1/16 oz., 50c.

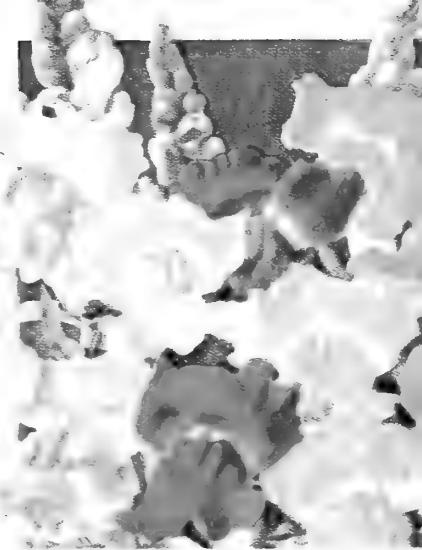
Right -

New Rust Proof Snapdragons

Calif. Giants Mixture

A most marvelous blooming strain containing a wonderful range of colors.

Pkt., 15c; 3 for 40c.



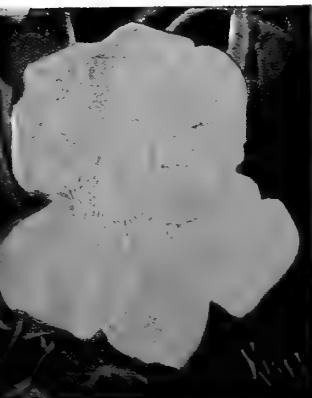
At left

Aster, El Monte

(New Super Giant)

Immense, early flowering variety, 30 in. tall.
Pkt., 20c; 3 for 55c.

Double Golden Globe Nasturtium

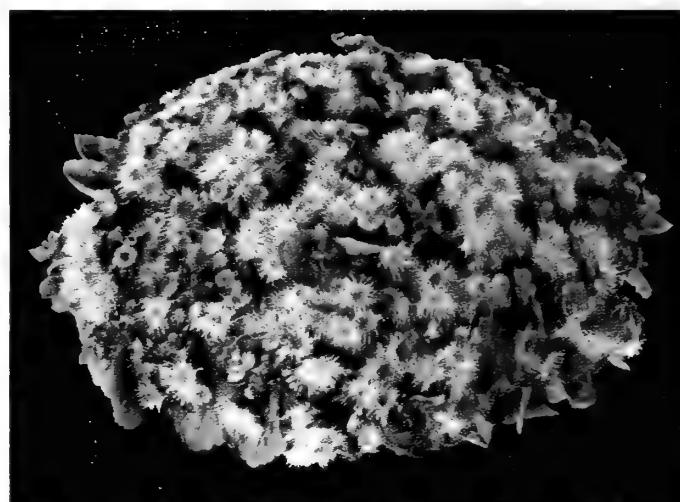


Very double, dwarf, globe-shaped, sweet-scented. Pkt., 15c; 3 for 40c.

Colorful Annuals Offer No. 161

Consists of one pkt. each of the 6 new annuals shown this page. (Reg. value, \$1.40.) Postpaid...

\$1.00



"Midget Blue"

New Dwarf Ageratum — Grows only 2 to 3 inches high. Smoothered with small, true blue flowers. Pkt., 25c; 3 for 70c.

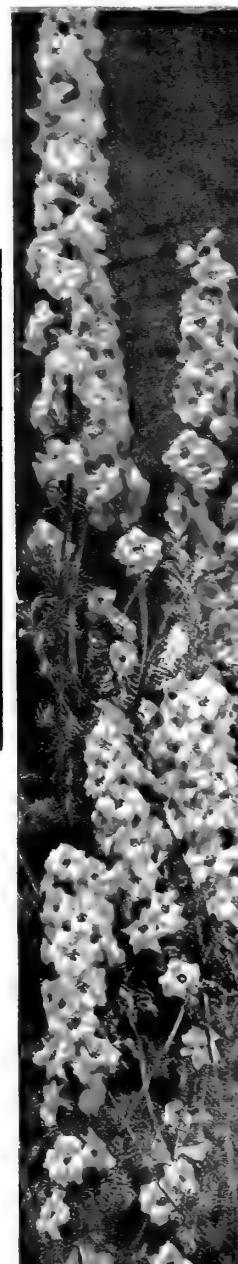
Roggli Gt. Pansy No. 103

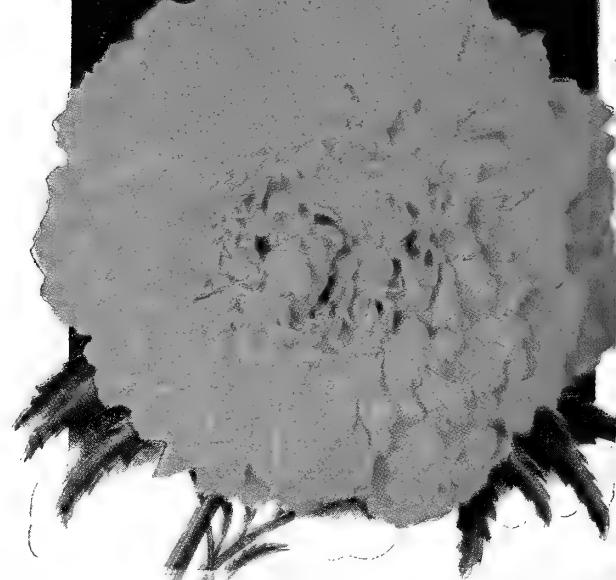
Largest and best of all Giant strains. (See cut at left. Pkt., 50c; $\frac{1}{8}$ oz., \$1.50.)



New Larkspurs (Giant Imperial)

Los Angeles — Excellent cut flower. Color, rich salmon overlaid with rose. (See cut at right.) Pkt., 15c; 3 for 40c.





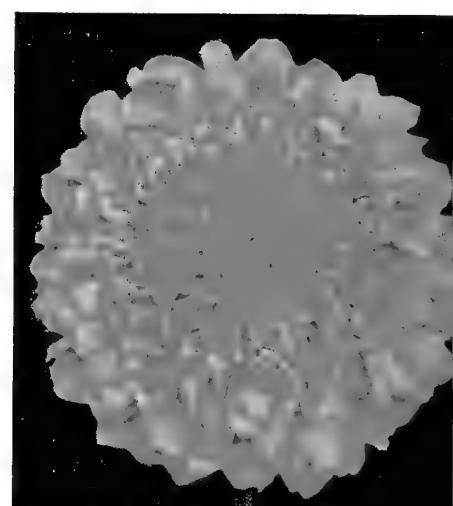
New Marigold Early Sunset Giants

The largest Marigold yet developed. Profuse bloomers. Pkt., 15c; 3 for 40c.

At left—

New Iceland Poppy The Emperor

Although perennial will bloom first year from seed. Pkt., 25c; 3 for 70c.



Collection Offer No. 163

Consists of 1
pkt. ea. of the
6 new annuals
shown on this
page. (Reg.
Value, \$1.10)

75c
Postpaid

At left—

Anemone New Monarch Mixture

A splendid new double. Flowers on long strong stems. Bright vivid colors. Almost twice the size of the average strain of St. Brigid's. Pkt., 15c; 3 for 40c.

Petunia

(Dwf. Fringed Giant Mixed)
(*Ramona Strain*)

Lg. flowers delightfully fringed and ruffled. Wonderful for pots, plants, and outdoor beds.

Pkt., (200 seeds), 35c each.

New Scabiosa Rosette

A very welcome addition to this family. A beautiful shade of deep rose suffused salmon. Pkt., 20c; 3 for 55c,

Gorgeous, Colorful FLOWERS

Gay Colorful Annual PHLOX

P.-W.'s Drummondii—Well-branched plants, 15 inches high, with large heads of bloom.

Alba—Pure white **Isabellina**—Yellow **Coccinea**—Scarlet **Violet**

Chamois Rose Mixed
Any of above, pkt., 10c; 1/8 oz., 30c.

Dwarf Phlox (Nana compacta)—Dwarf, compact plants grow about 6 in. tall. Excellent for beds, borders, rockeries, pots or window boxes.

Alba—Pure white **Isabellina**—Yellow **Coccinea**—Scarlet **Violet**

Chamois Rose Mixed
Any of above, pkt., 15c; 1/8 oz., 50c.

Perennial Phlox—See page 43

Poppies

The Emperor (HP)—The finest orange Iceland Poppy yet produced, blooming freely from seed the first year. Pkt., 25c.

Nudicale (Iceland Poppies) (HP)—15 inch. Mixed. Elegant free flowering plants bearing flowers in abundance all summer. Pkt., 10c.

Nudicale — Yellow, orange, white.
Each color, pkt., 10c.

Oriental Red (HP)—For gorgeous coloring the Oriental Poppies have few rivals among hardy plants. 3 feet. Pkt., 10c.

Oriental Hybrids, Mixed (HP)—Pkt., 15c.

American Legion (A)—Lovely, single, bright orange-scarlet blooms on white ground; 3 ft. Pkt., 10c; 1/4 oz., 25c; 1/2 oz., 40c; oz., 70c.

Shirley, All-Double Mixture (A)—Reselected strain which produces practically all double blooms with the full range of colors found in the best blends plus several new colors. Pkt., 10c; 1/8 oz., 25c.

Shirley, Single Mixed (A)—These have beautiful satiny flowers of various colors. Foliage is hairy and fine cut. Pkt., 10c; 1/2 oz., 20c.

Special Mixture, Single and Double (A)—Comprises all of the double and single types in an endless variety of color. Pkt., 10c; 1/2 oz., 25c.

Portulaca (A)

(Ross Moss) Six Inches

This plant will grow and bloom profusely in dry, hot situations, where almost any other plant will soon die. Easily transplanted.

P.-W.'s Large Flowering Single Mixed—Pkt., 10c; 1/4 oz., 25c.

P.-W.'s Double Mixture—Pkt., 10c; 1/8 oz., 50c.

Potentilla (Cinquefoil) (HP)

Aurea—Foliage is gray-green; flowers bright yellow, freely produced throughout the Summer. Excellent for rock gardens. Does well in the shade. Plants only, 3 for 60c; doz., \$1.80; postpaid.

Napalensis Miss Willmott—Carmine-rose. Pkt., 25c; Plants, 3 for 60c; doz., \$1.80; postpaid.

Primula (HP)

Auricula—6 inch. Flowers in early spring in colors of yellow, brown and red. Pkt., 10c. Plants, 3 for 60c; doz., \$1.80; postpaid.

Veris (Elatior) (Grandiflora)—The pale yellow Oxlip, bearing flowers in umbels. An extra choice, large flowered mixture strain. Pkt., 20c. Plants, 3 for 60c; doz., \$1.80; postpaid.

Pyrethrum (HP)

Charming colors and wonderful lasting properties as a cut flower; flowers in May and June, and frequently in August and September; in all shades of rose and pink.

Roseum, Double Mixed—Extra choice, selected seed. Only a small percentage will be double, balance will be semi-double and single in fine variety. Pkt., 25c. Plants, 3 for 60c; doz., \$1.80; postpaid.

Roseum, Single Pink, Red, White and Mixed. Pkt., 15c. Plants, 3 for 60c; doz., \$1.80; postpaid.

Physostegia (HP)

Virginiana—Dense bushes with spikes of delicate pink tubular flowers. 3 ft. June-September. Seeds, pkt., 10c. Plants, 3 for 60c; doz., \$1.80; postpaid.

Polemonium (HP)
(Jacob's Ladder)

Coeruleum (Greek Valerian)—2 feet. Beautiful sky-blue flowers. Pkt., 10c. Plants, 3 for 60c; doz., \$1.80; postpaid.

Grandiflorum Album—Pure white. Pkt., 10c; 1/4 oz., 25c.

Reptans—8 to 10 inches. April to June. Dwarf, bushy plant of graceful growth. Showy blue flowers. Seed only, pkt., 15c.

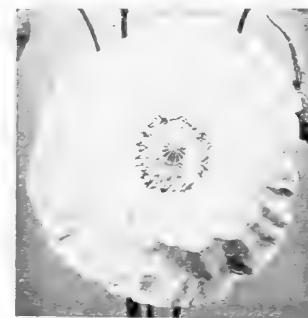
P.-W.'s Rock Garden
Mixture of Annual and Perennial types. Pkt., 10c.

Rock Garden Plant Offer No. 167

Consists of 24 choice plants—not less than three of one variety—our selection (Regular Value, \$3.60). All postpaid for... \$2.75



Double Carnation Poppy



Single Shirley Poppy

Platycodon (HP)

Grandiflorum—1-2 feet. Large handsome, deep blue flowers. Seeds, pkt., 10c. Plants, 3 for 60c; doz., \$1.80; postpaid.

Ricinus (A)

(Castor Bean)

Zanzibariensis Mixed—10 to 12 feet. The ornamental leaves beautifully lobed are 2 1/2 to 4 feet across. Each plant makes a perfect pyramid of foliage. Pkt., 10c; oz., 25c.

Rudebeckia (HP)

Hirta (Black-Eyed Susan)—2-3 feet. Rich golden-yellow with central black disc. Seeds, pkt., 15c. Plants, 3 for 60c; doz., \$1.80; postpaid.

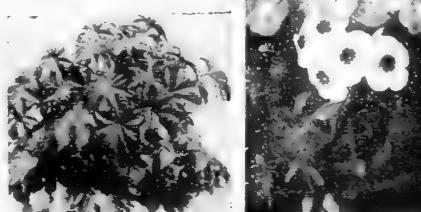
Purpurea Grandiflora—3 ft. September; large, handsome crimson-purple flowers with dark central disc. Pkt., 10c. Plants, 3 for 60c; doz., \$1.80; postpaid.

Right—

Phlox Drummondii

Below—

Ricinus



Salpiglossis (A)

2½ Feet

Most attractive; should be in every garden. Each flower is veined with a glint of gold. **Emperor**—Velvety red, violet, golden-yellow, light blue and gold, scarlet and gold. Each of the above, per pkt., 10c; 1/8 oz., 35c. **Emperor Mixed**—Large improved strain, complete range of colors. Pkt., 5c; 1/8 oz., 30c.

Salvia (Scarlet Sage)

Keeps the garden bright with color until late in autumn. Good plant for pots and window boxes, and is useful for cutting. Its best use however, is as a hedge or border plant for brilliant color effect.

America, or Globe of Fire (A)—Each spike closely set with mammoth flowers, brilliant scarlet. Blooms early in the season and continues until frost. Pkt., 20c; 1/8 oz., 60c.

Harbinger (A)—New. Earliest blooming variety. Dazzling scarlet flowers and deep green foliage. Compact plant, 16 inches high. Pkt., 20c; 1/16 oz., 35c; 1/8 oz., 60c.

Splendens (Scarlet Sage) (A)—Beautiful bright scarlet; 3 feet. Pkt., 10c; 1/4 oz., 40c.

Pitcherii (Meadow Sage) (HP)—One of the best of all autumn blue flowers. August and September, 4 ft. Pkt., 10c. Plants, 3 for 60c; doz., \$1.80, postpaid.

Saponaria (HP)

Ocymoides—Very showy, hardy rock plant, producing during the summer months masses of small, bright rose flowers. 9 inches. Pkt., 10c. Plants, 3 for 60c; doz., \$1.80; postpaid.

Scabiosa (A)

(Pincushion Plant)

2½ feet. When the seed is kept regularly picked off, will bloom through the whole summer.

Blue Moon (Imperial Giant)—Large, fully double blooms of deep lavender-blue produced on long, strong stems, making them splendid for cutting. Pkt., 15c.

Rosette—New large flowered variety of charming color tones. (See page 35.) Pkt., 25c.

P.W.'s Giant Hybrids, Mixed—Includes all the new and rare colors. An unrivaled mixture. Pkt., 10c; 1/8 oz., 25c.

Scarlet Runner (A)

Scarlet Runners—A great favorite, not only as an ornamental climber, but for the delicious edible beans which succeed the spray of bright scarlet pea-shaped blossoms. Pkt., 5c.

Snapdragons

(See *Antirrhinums*)

Statice (Sea Lavender)

Large, spreading panicles of light graceful flowers much prized for winter decoration; dried.

Latifolia (HP)—2 ft. Dense branching plumes of deep blue flowers. Pkt., 10c. Plants, 3 for 60c; doz., \$1.80; postpaid.

Sinuata (A)—Pretty rosettes of foliage from which rise branching flower stems 2½ feet high. We furnish Blue, Rose, White and Mixed. Pkt., 10c; 1/4 oz., 25c.

Hardy Rock Garden Perennial Plant Offer No. 170

Consists of 1 plant each of the following:

Alyssum Saxatile, Arabis, Aubretia, Cerastium, Dianthus Deltoides, Myosotis Iberis Gib., Nepeta, Primula Veris, Sedum Brilliant, Silene, Tunica, Veronica Nana. 12 plants in all
(regular value, \$1.80),

for only -----

\$ 1 35

Saponaria Ocymoides

By
Means
of
Our
Seed
Trial
Grounds,
We Select
the Best



Salvia Harbinger

Schizanthus (A)

Large Flowering Hybrids—A grand strain bearing a profusion of large flowers all with handsome markings on a white, buff, brilliant rose, rich blue or purple ground.

Dr. Badger's Improved Giant Flowered Hybrids—Outstanding brilliant flowers, ranging in color from light pink to deep purple. 12-14 in. Pkt., 25c; 1/32 oz., 50c.

Mixed, all colors—Pkt., 10c; 1/4 oz., 25c.

Sedum (HP)

Acre (Golden Moss)—May-June. Yellow. 3 in. Pkt., 25c. Plants, 3 for 60c; doz., \$1.80, postpaid.

Brilliant—June-July. Scarlet. 12 in. Pkt., 25c. Plants, 3 for 60c; doz., \$1.80; postpaid.

Stolonifera—Flat, succulent leaves; flowers purplish-pink. July and August. 6 inches. Pkt., 25c. Plants, 3 for 60c; doz., \$1.80; postpaid.

Shasta Daisy (HP)

Alaska—2 ft. Wonderful show of large, white flowers. Fine for cutting. Blooms all summer. Pkt., 10c. Plants, 3 for 60c; doz., \$1.80; postpaid.

New Double Giant—Large white very double petals. Seed only, pkt., 25c.

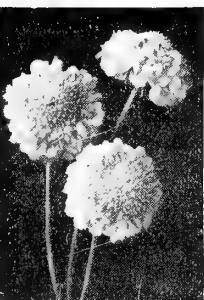
Sidalcea (HP) (Greek Mallow)

Graceful, hardy perennials with small, Hollyhock-like flowers borne on slender spikes. Suitable for sunny borders.

Rosy Gem—Plants, 2-3 ft. in height. Produce showy bright rose colored flowers during June and July. Pkt., 15c. Plants, 3 for 60c; doz., \$1.80, postpaid.

Silene (HP) (Catchfly)

Schafta—A charming border or rock plant, growing 4-6 inches high, with masses of bright pink flowers from July to October. Pkt., 15c. Plants, 3 for 60c; doz., \$1.80; postpaid.



Scabiosa



Schizanthus

SWEET PEAS

Early Flowering Spencers (A)

This new type is in great demand by commercial florists for forcing under glass and are just as valuable for outdoor culture, coming into flower five or six weeks earlier than the regular orchid-flowered type. If flowers are kept picked, will continue to bloom over a period of nearly four months.

Bridesmaid—Deep silvery pink.

Fragrance—Clear lavender.

Hope—Pure white.

Laddie Improved—Long stemmed rose.

Majestic Rose—Brilliant pink.

Mariner—Clear marine-blue.

Mars—Ox-blood crimson.

Orange King—Glowing orange.

Shirley Temple—Soft rose-pink.

Price—Any of above, pkt., 15c; oz., 40c; $\frac{1}{4}$ lb., \$1.25.

P.-W.'s Early Flowering Spencer, Best Mixed

The above and many other varieties properly blended for a harmonious color effect. Pkt., 15c; oz., 35c; $\frac{1}{4}$ lb., \$1.00.



P.-W.'s Giant
Spencer Sweet Peas

Offer No. 174

1 pkt. each of the nine varieties listed. (Reg. val. \$1.35), all postpaid for....

\$1 00

Offer No. 175

$\frac{1}{2}$ oz. each of the nine varieties listed. (Reg. val. \$2.70), all postpaid for....

\$2 00

Cupid or Dwarf Sweet Peas

These form a line of emerald-green foliage a little over a foot wide and 6 inches high, and from June until late Summer are literally a sheet of bloom; mixture contains all the colors. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

P.-W.'s GIANT SPENCER SWEET PEAS (A)

We offer the very choicest and most distinct varieties, each one in its respective color, and sure to give entire satisfaction.

Ambition—Blue lavender.

Bonnie Briar—Large, sparkling rose-pink.

Capri—Clear silver blue; excellent.

Chieftain—Satin-mauve; very fine.

Floradale—A rich salmon-pink on cream ground.

Grand National—A large frilled cream.

Leviathan—Large rich maroon.

Mrs. A. Searles—Rich pink merging into Orient red.

Olympia—Rich purple.

Prince of Orange—Best deep orange.

Rubicund—Crimson scarlet; vigorous.

Ruffled Blue—Mid-blue; vigorous.

Offer No. 172

1 PACKET EACH OF THE ABOVE SIXTEEN VARIETIES. REGULAR VALUE, \$1.60, ALL POSTPAID FOR.....

\$1 25

Stocks (A)

Improved Large Flowering 10-Week Stocks—In colors as follows: white, yellow, rose-pink, crimson, light blue, dark blue, mixed.

Each of above—Pkt., 10c; any 3 pkts. for 25c; $\frac{1}{8}$ oz., 50c.

Double Giant Imperial Mixed—Very early blooming; produces high percentage of doubles, 2 $\frac{1}{2}$ ft. For both greenhouse and outdoor culture. Pkt., 15c; $\frac{1}{8}$ oz., 50c.

Evening Sweet Scented (Matthiola Bicornis)—Lilac flowers; exquisitely perfumed. Pkt., 10c; $\frac{1}{2}$ oz., 20c.

Sunflower (A)

Majestic, immense showy flowers.

Chrysanthemum Fl. Double—6 ft. Golden yellow. Pkt., 5c; $\frac{1}{2}$ oz., 25c.

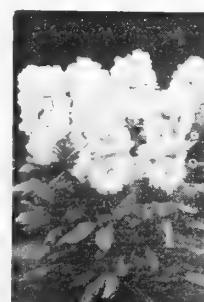
Stokesia (HP) (Stokes Aster)

Cyanea—18 in. July-October. Flowers rich blue, like a giant cornflower. Seed, pkt., 10c. Plants, 3 for 60c; doz., \$1.80; postpaid.

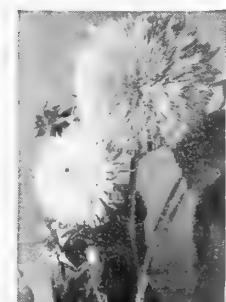
Offer No. 173

1 OZ. EACH IVORY, LAVENDER, ORANGE, PINK, AND RED, REGULAR PRICE \$1.25, ALL POSTPAID FOR.....

\$1 00



Stocks (Ten Weeks)



Sunflower (Chrysanthemum Flowered)



Offer No. 175

Consists of one plant each of Canterbury Bells, Carnation, Columbine Single, Columbine Double, Coreopsis, Delphinium Wrexham Hybrids, Digitalis, Gaillarda, Hollyhock, Linum, Platycodon, Pyrethrum, Shasta Daisy, Statice and Valeriana. Fifteen plants, regular value \$2.60, all
prepaid \$2.00
for.....

Tritoma Grandis

SWEET ROCKET (HP) (*Hesperis*)

Matronalis—Deliciously sweet scented flowers for gardens or cutting. 2-3 ft. June-August. **White or Red.** Pkt., 10c; $\frac{1}{2}$ oz., 35c. Plants, 3 for 60c; doz., \$1.80, postpaid.

SWEET WILLIAM (HP)

This charming old favorite is offered in both single and double forms. The former being the more hardy and easier culture.

Single Giant-flowered Mixed—Pkt., 10c.

Double Giant-flowered Mixed—Pkt., 15c.

Separate Colors, Single Pink and Red—Pkt., 10c.

Plants, any of above, 3 for 60c; doz., \$1.80, postpaid.

THALICTRUM (HP) (Meadow-Rue)

Dipterocarpum—Graceful sprays of dainty lilac-mauve flowers in August and September. 4 ft. high. Pkt., 25c. Plants, 3 for 60c; doz., \$1.80; postpaid.

THERMOPSIS (HP)

Caroliniana—Height 2 ft. This has three-foliate leaves, and yellow, lupine-like flowers borne in long, terminal racemes. It is of graceful growth and specially suitable for the sunny border. Plants only, 3 for 60c; doz., \$1.80; postpaid.

TUNICA (HP)

Slender, graceful perennials with almost hair-like stems covered all summer with small Baby's Breath-like flowers. Excellent for rock garden, rock wall, or in front in sunny borders.

Saxifraga—A pretty tufted plant with light pink flowers, produced all summer. 6 in. Pkt., 10c. Plants, 3 for 60c; doz., \$1.80; postpaid.



Yucca Filamentosa (Adam's Needle)

THYMUS (HP)

Serpullum coccineum—Dwarf-growing plants become completely covered with brilliant crimson-scarlet flowers. Pkt., 25c. Plants, 3 for 60c; doz., \$1.80; postpaid.

TRITOMA (HP) (Red Hot Poker)

They are of stately growth, having long, narrow, grassy leaves, and bear their drooping, tubular flowers in dense spikes on long, naked stems well above the foliage.

Grandis (Pfitzeri)—Orange-scarlet; blooms August-September. 3-4 ft. Pkt., 15c. Plants, 3 for 60c; doz., \$1.80; postpaid.

Hybrid Express—Early Yellow. Blooms July-October. 3 ft. Plants only, 3 for 60c; doz., \$1.80; postpaid.

VALERIANA (HP) (Garden Heliotrope)

Coccinea—Showy heads of old rose flowers. June-October. 2 ft. Pkt., 10c. Plants, 3 for 60c; doz., \$1.80; postpaid.

VERBASCUM (HP)

Stately growth suitable for borders or rock gardens.

Phoeniceum Hybrids—Are the superior strain, colors ranging from white, pink, rose, purple, and bronze, to brown. Grow about 18 inches high. Plants only, 3 for 70c; doz., \$2.00; postpaid.

VERONICA (Speedwell)

Longifolia Subsessilis—The showiest and best of the Speedwells; from a bushy plant 2 to 3 feet high with long, dense spikes of deep blue flowers from the middle of July to early in September. Pkt., 15c. Plants, 3 for 60c; doz., \$1.80; postpaid.

Rupestrus—A fine rock plant 3 to 4 inches high; thickly matted deep green foliage, a cloud of bright blue flowers; May. Pkt., 15c. Plants, 3 for 60c; doz., \$1.80; postpaid.

Rupestrus Nana—Prostrate and creeping, forming a dark green carpet of shiny foliage which is covered with deep blue flowers in late April and early May; 1 inch high; one of the best early blue rock plants known. Pkt., 15c. Plants, 3 for 60c; doz., \$1.80; postpaid.

VINCA (HP)

Valuable for rockeries or makes a grand evergreen carpet under and about shrubs and trees.

Minor (Grave Myrtle)—4 in. June. Green foliage, large, blue flowers. Plants only, 3 for 60c; doz., \$1.80; postpaid.

VENIDIUM (A) (Monarch of the Veldt)

Fastuosum—A magnificent annual from South Africa. Sow in March or April as germination is somewhat difficult if started earlier. Plant them in a sunny position. Has large, daisy-like, orange colored flowers marked with black at the base of each petal. Attractive, woolly, grayish green foliage, 2½ to 3 feet. Pkt., 20c; 1/16 oz., 50c.

VIOLA (HP)

Jersey Gem—Flowers of rich, pure violet, large and fragrant, flowering persistently all summer. Long stems make it a good cut flower. Pkt., 25c. Plants, 3 for 60c; doz., \$1.80 postpaid.

Sweet Violet—Deep blue, single; extra large. Seeds, pkt., 10c. Plants, 3 for 50c; doz., \$1.50; postpaid.

WALLFLOWER (HHP)

Well known, deliciously fragrant half hardy perennials, blooming early in spring, with spikes of beautiful flowers. In the north they should be protected in a cold frame in the Winter and planted out in April.

Single Mixed—All colors. Pkt., 10c; $\frac{1}{4}$ oz., 20c; $\frac{1}{8}$ oz., 45c.

Double Flowering Finest Mixed—Pkt., 15c.

WILD CUCUMBER (A)

Thirty feet. This is the quickest and easiest growing climber on our list. It will quickly cover an old tree or an unsightly building. Pkt., 5c; $\frac{1}{2}$ oz., 15c; oz., 25c.

WILD GARDEN (A) (Special Mixture)

This is a surprise collection, containing practically every annual in existence. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$1.75.

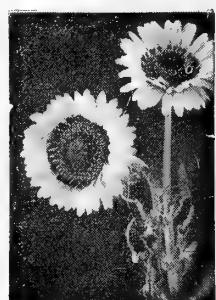
YUCCA (HP) (Adam's Needle)

Filamentosa—5-6 ft. or more. June-July. Handsome creamy-white flowers, much branched and densely packed with bloom, with sword-like foliage. Seeds, pkt., 10c. Plants, 3 for 60c; doz., \$1.80; postpaid.

FREE

Cultural Leaflets on Flowers given on Request.

Ask for them.



Venidium Fastuosum

COLORFUL GIANT Verbenas (A)

Verbena Hybrida Grandiflora (Giants)—A magnificent strain of Verbenas, of robust, compact habit and free blooming. The trusses are immense, the individual florets measure an inch in diameter. Truly superior to the smaller Hybrida varieties.

Brilliant (New)—Recognized as the best pink. The color is a rich, deep, flame rose, with a medium-sized white eye.

Royale—Royal blue, creamy yellow eye.

Spectrum Red (New)—An intense, bright red without eye. Its brilliance is quite dazzling.

Pure White—Just as the name implies.

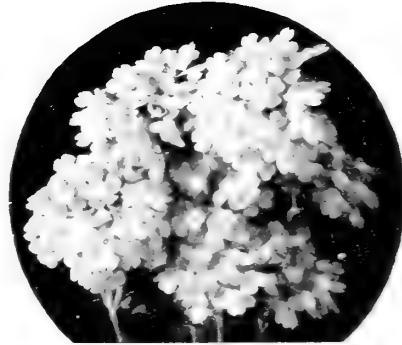
Price—Any of above, pkt., 15c; $\frac{1}{8}$ oz., 50c.

Mixture of Giants—Includes the above with more shades and colors carefully blended. Pkt., 10c; $\frac{1}{8}$ oz., 35c.

Nana Compacta Mixed—10 inch. A mixture of dwarf growing varieties suitable for ground cover edging or rock work. Pkt., 15c; $\frac{1}{8}$ oz., 50c.

Erinoides (Moss Verbena)—6 inch. Produces a mass of moss-like foliage, spreading over the ground like carpet, above which are borne heads of purplish-blue and white blossoms; flowers in June and continues until frost. For beds, baskets or rockeries it is highly desirable. Pkt., 10c; $\frac{1}{8}$ oz., 30c.

Venosa (Hardy Garden Verbena)—Used for bedding, grows about 1 foot high, and covered from early summer until fall with its bright purplish heliotrope flowers. Pkt., 10c; $\frac{1}{8}$ oz., 30c.



Giant Verbena

P.-W.'s Gorgeous ZINNIAS (A) Super Crown O'Gold, Pastel Tints

Flowers are large and showy, 5 to $5\frac{1}{2}$ inches in diameter. Strictly a mixture of pastel tints, it contains a wide range of pastel shades, including soft yellow, old gold, light pink, apricot pink, various shades of salmon, peach and buff, lively cerise-salmon, as well as pure white and cream. Pkt., 25c; $\frac{1}{8}$ oz., 60c.

Linearis Zinnia

Flowers single and in a lovely shade of golden-orange with a delicate lemon-yellow stripe through each petal. Plants 8-10 inches, spread of 1 foot. The most prolific bloomer of all annuals. Pkt., 15c; 3 pkts., 35c.

Fantasy Zinnias

Plants grow about 2 ft. tall and are very profuse, blooming throughout the Summer and Fall. **Fantasy Zinnia, Mixed Colors**, ptk., 15c; $\frac{1}{4}$ oz., 40c. (See color page 35.)

Lilliput, Baby or Pompon Zinnias

An especially pretty, dwarf type, 12 to 18 inches tall, blooming continuously and most profusely. The double, conical flowers are 1 to $1\frac{1}{2}$ in. across. Highly effective for borders. Especially desirable for table decorations.

CRIMSON GEM - CANARY YELLOW - SALMON ROSE
GOLDEN GEM - LILAC GEM - WHITE GEM

Price—Any of above varieties—Pkt., 10c; $\frac{1}{4}$ oz., 35c.

Mixed Colors—All the above colors in mixture. Pkt., 10c; $\frac{1}{4}$ oz., 30c; $\frac{1}{2}$ oz., \$1.00.

Lilliput Pastel Shades Mixed—(See color plate, page 35.)
Pkt., 20c; $\frac{1}{4}$ oz., 50c.



Linearis Zinnia

Offer No. 177

Collection of one ptk. each of the 6
separate Lilliputs for only

40c

Giant Dahlia Flowered Zinnias

The flowers often measure 4 inches in depth and 6 to 8 inches in diameter. Abundantly produced and always in bloom during the entire season. By all odds, these are the most desirable of all the large double Zinnias. We therefore list this class only.

Canary Bird—A delicate primrose. **Crimson Monarch**—Rich crimson. **Dream**—Deep lavender. **Exquisite**—Light rose with center deeper rose. **Golden Dawn**—Deep orange yellow. **Old Rose**—Old Rose shade. **Oriole**—Orange and gold. **Polar Bear**—White. **Scarlet Flame**—Scarlet.

Price—Each of the above: Pkt., 15c; any 4 pkts., 50c; $\frac{1}{8}$ oz., 30c; $\frac{1}{4}$ oz., 50c.

Dahlia Flowered Gold Medal Mixed—All the above and others. Pkt., 15c; $\frac{1}{8}$ oz., 25c; $\frac{1}{4}$ oz., 40c.

Offer No. 178

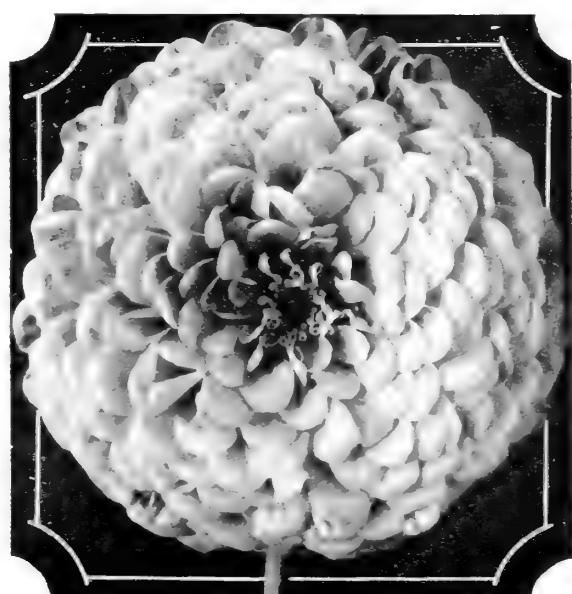
1 ptk. each of above nine
varieties Dahlia
flowered Zin-
niyas. (Regular
Value, \$1.35).....

90c

Offer No. 179

$\frac{1}{4}$ oz. each of any five of
your selection
Dahlia Flower-
ed Zinnias.
(Reg. val. \$1.50).....

\$100



Zinnia Dahlia Flowered Old Rose



New Hardy Asters—grouped with other perennials



New Hardy Chrysanthemums

New Korean Chrysanthemums

These new creations are especially fine for cold climates where the ordinary Chrysanthemum winter-kills. They are most attractive in color, very early blooming, easier to grow and more profuse. The lovely new pastel shades simply defy accurate description.

Apollo—Superb autumn color, a sparkling combination of bronze, red and gold suffused with glowing salmon. The single flowers are 2 inches across.

Diana—Rose-pink, mingled with lilac-rose to soft salmon, the tones vary with the degree of light.

Innocence—An effective dwarf growing hybrid for rockery or border. The single flowers measure 2½ inches across which at first are pure white but later change to soft pink.

King Midas—A charming shade of soft yellow with faint bronze shading. Literally covered with flowers measuring 4 inches in diameter.

Mars—Deep amaranth-red changing to wine-red, overlaid with a velvety sheen.

Any of above—3 plants for 60c; dozen, \$1.75. If by mail add 5c each, 30c per dozen, for postage.

Collection Offer No. 188

2 EACH OF ABOVE FIVE
KOREAN VARIETIES,
postpaid.....

\$200

Beautiful Hardy Asters

Plant for colorful display. Begin blooming in September. Height 4-5 feet.

Blue Gem—Semi-double; clear blue.

Lady Lloyd—Rosy pink with a purple sheen.

Mrs. J. F. Raynor—A strong grower with crimson-red flowers.

Price, any of above—3 plants for 75c; dozen for \$2.50. If by mail add 5c per plant, 30c per dozen extra for postage.

New Dwarf Hardy Asters

Compact, free-flowering plants, blooming in September. Valuable for edging or for the front of borders and charming for the rock garden. Height 9 to 12 inches.

Countess Dudley—Clear pink.

Victor—Lavender-blue.

Ronald—Lilac-pink.

Plants of any of the above new Dwarf Asters—75c for 3; \$2.50 per dozen.

Collection Offer No. 186

Consists of 1 each of the above seven varieties of Hardy Asters. (Regular value \$2.05) all prepaid for.....

\$1 50

New Hardy Double Chrysanthemums

We list the earlier varieties. Through careful breeding and selecting, the time of flowering has been advanced fully a month over the older varieties. They are also far ahead in clearness and loveliness of color and are far more attractive in general. Masses of bloom may be had from late August until snow.

Aladdin—Exquisite warm coppery-bronze.

Glory of Seven Oaks—Soft, clear yellow masses of bloom. Medium height.

Jean Cumming—Large flowering pure white with yellow center.

Any of above—3 plants for 60c; dozen for \$1.75. If by mail add 5c each, 30c per dozen for postage.

Pompon or Button 'Mums'

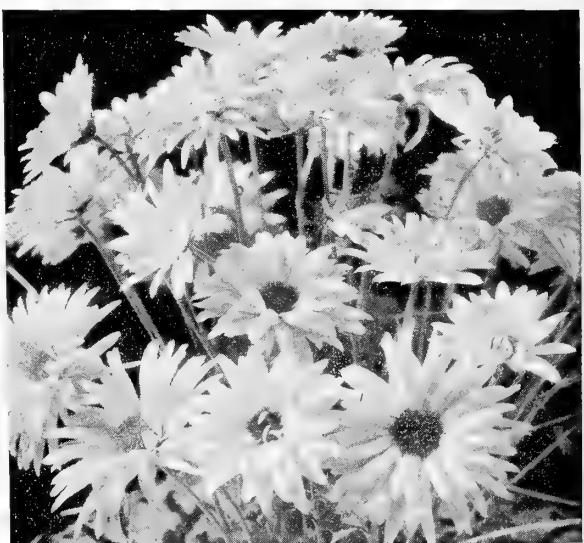
Irene, pure white; **Ethel**, bronze; **Jean Treadway**, pink; **Skibo**, pure yellow.

Any of above—3 for 60c; doz., \$1.75. If by mail add 5c each, 30c per dozen, for postage.

Offer No. 187

Consists of 1 each of the above ten varieties of Hardy Double and Pompons. (Reg. value \$2.30.) All for.....

\$200



Hardy Chrysanthemum (Korean Type)

P.-W.'s Beautiful Double PEONIES

Peonies will do well in almost any garden soil. The roots should be placed so that the crowns are covered with two or three inches of soil. Too deep planting is a frequent cause of shy flowering.

The better time to plant Peonies is in the Fall during the months of September, October and November. We grow a splendid collection of over twenty-five varieties which are described and priced in our Fall Catalog. For spring delivery and planting we offer some very good varieties but not the entire list.

Unnamed Double Peonies

Strong 3-5 eye divisions of good varieties which we have in surplus. We furnish these in separate colors.

Red, White and Pink. Each, **25c**; **\$2.50** per dozen.

If by mail add 5c each; 50c per doz. extra for pkg. and postage.



Richard Carvel

"MEMORIAL DAY" Peony Collection No. 184

In early or late seasons some of these varieties will be in bloom Memorial Day.

| | | |
|---|-----------------------------------|----------|
| 1 | Officinalis Rubra—Extra early red | 50c each |
| 1 | Festiva Maxima—Early white | 35c each |
| 1 | Edulis Superba—Early pink | 40c each |
| 1 | Richard Carvel—Early red | 75c each |
| 1 | Mons. Jules Elie—Early lilac pink | 50c each |

All of above, 5 large roots in all. (Regular value, \$2.75.) Prepaid for only

\$2.00

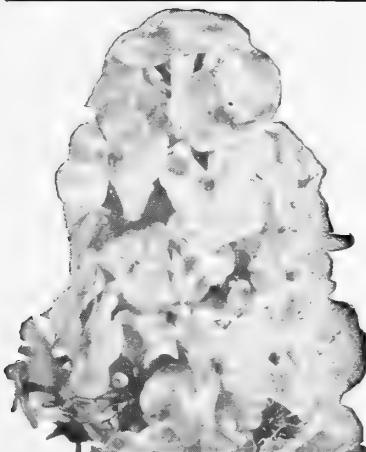
BEST THREE Peony Collection No. 185

Unquestionably here are the three finest in their color group known to cultivation in the peony world today.

| | |
|----------------------------------|-------------|
| Solange—Cream tinged amber | \$1.00 each |
| Walter Faxon—Best pink | \$1.00 each |
| Philippe Rivoire—Deep velvet red | \$2.00 each |

(Regular value,
\$4.15.)
Postpaid

\$3.50



Hardy Phlox

DWARF ALPINE PHLOX

For Rock Gardens

Sublata (Moss or Mountain Pinks)—Early spring flowering type; pretty moss-like evergreen foliage. We supply three colors—White, Pink and Purple. 3 for 55c; \$2.00 per doz.

B. Comte—Rich French purple.
Beacon—Bright cherry red.
Caroline Vandenburg—Magnificent large, true lavender-blue.
Commander—New bright crimson, dark eye.
Count Zeppelin—Pure white with vermilion eye.
Ethel Pritchard—A French mauve.
Price—Any of above good root divisions: Each, **20c**; dozen, **\$2.00**.

LEO SCHLAGETER

A perfectly beautiful new brilliant scarlet. Flowers seem to grow with fire. Full rich heads are produced on vigorous plants 3 to 4 feet high. Considered the best red Phlox in cultivation. Each, 30c; 3 for 75c; dozen, **\$2.50**.

Hardy Phlox Collection No. 183

Consists of 2 each of the following excellent varieties: **CAROLINE VANDENBURG**, Lavender Blue; **ETHEL PRITCHARD**, Mauve; **COUNT ZEPPELIN**, White; **THOR**, Salmon pink, and **LEO SCHLAGETER**, Scarlet. 10 in all, (Regular value, \$2.20), postpaid

\$1.75

Bleeding Hearts

(*Dicentra*)

Spectabilis—Its long racemes of graceful heart-shaped pink flowers are always attractive. Is perfectly at home in any part of the hardy border and especially valuable for planting in the shade. Strong roots. **40c** each; 3 for **\$1.00**; **\$3.00** per doz.

Lily of the Valley

(*Convallaria Majalis*)

A wonderful ground cover for shady places.

American Pips (for outside planting only)—Extra strong. **Pips**, 25 for 90c; 100 for **\$3.00**; 250 for **\$7.00**.



Lily of Valley

FLAG IRIS

Avoid planting too deep, barely covering the rhizomes (creeping root stems) being sufficient. They are great drouth resisters. "S" refers to standards, "F" to falls.

Flag Iris (German Iris)

Ambassadeur—"S" smoky velvety purple; "F" velvety purple-maroon. Beards and style, yellow.

Crusader—"S" light blue; "F" deep violet-blue; orange beard.

Dolly Madison—"S" mauvette shading to yellow; "F" lilac; orange beard.

Dream—"S" and "F" a beautiful soft clear pink.

Eldorado—Yellow and heliotrope blend with shadings.

Fairy—"S" white; "F" fringed blue.

Lorely—"S" yellow; "F" white bordered.

Nibelungen—"S" yellow; "F" violet-purple.

Assorted Colors—Orange, white, yellow, blue, lavender, pink, purple and mixed. 10c each; \$1.00 per doz.; \$7.50 per 100, postpaid.

Dwarf Flag Iris

(Pulima Hybrids)

Most attractive for Rock Gardens. Very showy. Early flowering. Height 8-10 in. Separate colors—**Violet-blue**, **White** and **Yellow**. 15c each; \$1.50 per doz.; \$11.00 per 100, postpaid.

Siberian Iris (Sibirica)

Orientalis—Rich, violet-blue; very free, one of the best. June, 2 to 2½ feet.

Snow Queen—Great merit; flowers snow white.

Price—20c each; 3 for 50c; doz., \$1.40.

Collections of Flag Iris No. 182

One each of the 15 varieties listed above, postpaid.

\$1.40

JAPANESE IRIS

(Iris Kaempferi)

Japanese Iris belong to the most magnificent of our garden flowers; a field of them in bloom is a most gorgeous sight. Even a single plant growing on the edge of a pool or stream never fails to bring forth favorable comment. The foliage is also very ornamental.

While they succeed in almost any soil and under any conditions, they delight in a rich, deep, moist situation.

Gold Bound—A fine double, pure white. Creamy glow at the gold-banded center.

Koko-No-Iro—Six large, royal purple petals, with a yellow center, radiating into lines.

Mahogany—Large double flowers, purple mahogany-red, the petals prettily crested. Latest to bloom.

Uchiu—Corulean blue, veined white, gold center. Blooms a long time. Double.

Fascination—Beautiful variety. Double mauve-pink, veined with white.

Price—Any of the above, each 40c; 3 for \$1.10; 12 for \$3.75. Postpaid.

DELPHINIUMS

New Pacific Hybrid

This strain is a most wonderful development in this interesting family of plants. It has been acclaimed not only by amateurs but by professionals alike as the most prominent and outstanding strain in America. They are not only exceptional in quality, color, and form, but in size and length of spike. Another important feature in their development is that they are comparatively mildew resistant. We are able to furnish the following colors:

Blue Shades—100 seeds, 50c; **Pastel Shades**—100 seeds, 50c; **Double White Giants**—100 seeds, 75c.

Plants of any of the above, 35c each; 3 for 90c; \$3.00 per dozen. If by mail, add 5c per plant, 30c per dozen extra for postage.

Iris Germanica

NEW FALL CATALOG
WILL BE READY NEXT
AUGUST

As fall is the usual planting time for Flag Iris, Peonies, Phlox, and other perennials listed in our Spring Book, more complete lists of these items are given at that time. This book will be sent without request to all customers of the last two years. If your name is not on the list, please ask for this valuable book.



Pacific Hybrid Delphiniums
The finest in cultivation.

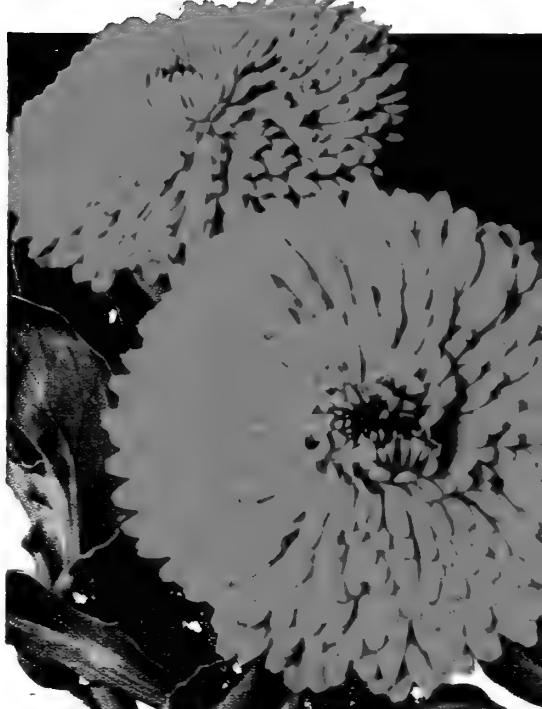


New Scarlet
Beauty

Left—
Escholtzia

**New Scarlet
Beauty**

Large flowering semi-double, brilliant deep, bright cerise-scarlet, suffused terracotta at the base. Pkt., 20c; 3 for 50c.



Right—
**New Improved
Campfire**

Calendula

Brilliant orange with beautiful sheen of crimson-scarlet. Pkt., 15c; 3 for 40c.

Right—
**New
Jubilee
Gem**

Cornflower

True cornflower blue flowers in great profusion; bushy plants, not more than 1 foot high. Hardy, easy to grow. Pkt., 10c; 3 for 25c.



Lower left—

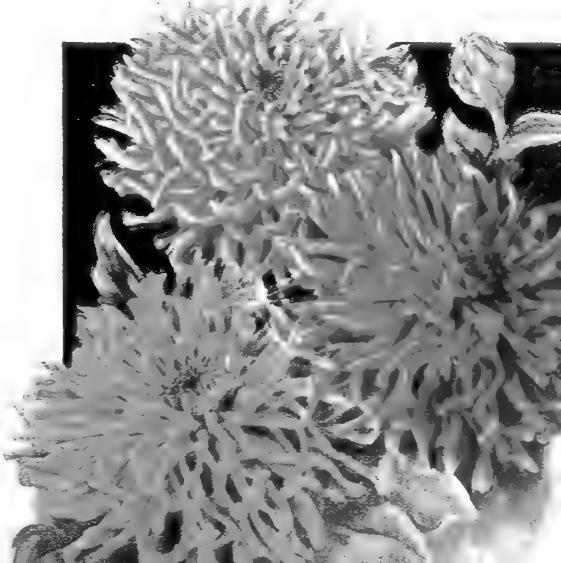
**Lilliput Zinnia New
Pastel Mixture**

Charming flowers, 12-15 in., in marvelous color combinations. Pkt., 20c; 3 for 55c.



Lower right—
**Fantasy Zinnia
Finest Mixed**

The flowers are informal, shaggy, and graceful in a wide range of color. Pkt., 15c; 3 for 40c.



PORTER - WALTON'S DAHLIAS

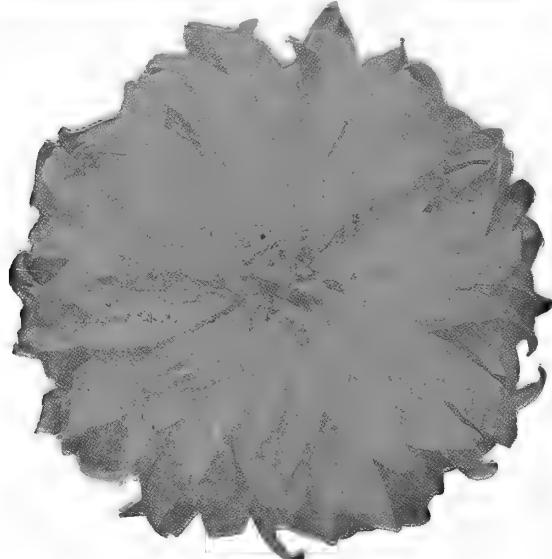
P.-W.'s Surprise Dahlia Collection Offer No. 194

A Dozen Fine Tubers in Choice Color Selection

In this charming lot we supply 12 choice Dahlias. While they are unnamed there are no two alike. There are no inferior sorts but those we have in surplus, some of which are high priced. You will be agreeably surprised when these come into bloom.

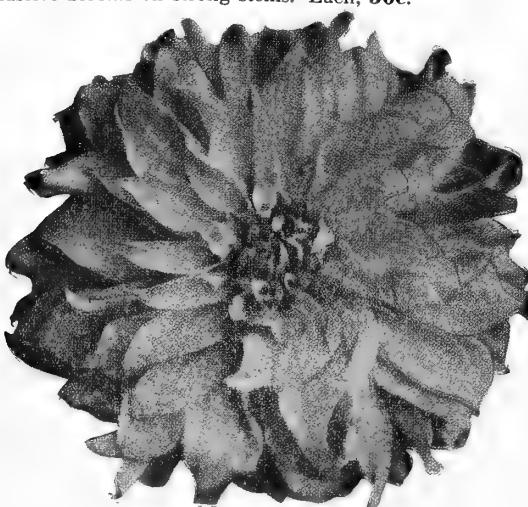
The entire lot of 12, postpaid, all for...

\$2.00



P.-W.'s Sultan of Hillcrest

Its unique and unusual color effect immediately attracts your attention—clear, deep lemon yellow; reverse rosy pink. Massive blooms on strong stems. Each, 50c.



P.-W.'s Washington Giant

This gigantic dahlia will give you something to boast about. Blooms often measure over 12 inches across. In color, the sweetest bright lavender-rose blended with silver. Won Sweepstakes for the largest bloom. Each, 75c.

P.-W.'s Big Four Dahlias Offer No. 195

Consists of one each of P.-W.'s Leading Four Dahlias shown on this page. Regular value, \$2.25, all postpaid

\$1.50



P.-W.'s Satan

Flaming red with a slight touch of gold at center. Immense flowers often 14 inches across. A Roll of Honor Dahlia. Each, 50c.



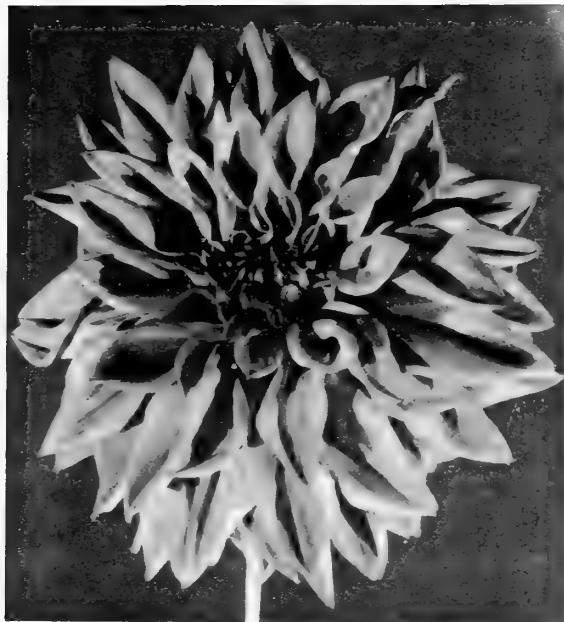
P.-W.'s Dixie Ravenscroft

A beautiful glowing copper with tintings of flame. Petals wave and twist, showing a bright gold reverse. A Roll of Honor Dahlia. Each, 50c.

Plant Dahlias liberally and enjoy a riot of color in your late Summer and Autumn Garden

P.-W.'s DAHLIAS – Special Merit

Collection of New and Worthwhile Varieties — All Prize Winners



"W. H. T."

Culture—Plant when danger of frost is over. If possible plant in an open, sunny situation. Prepare the soil thoroughly by deep digging. Be moderate in the use of both manure and water. Never plant when soil is wet. Lay the tuber flat on its side and cover it four to five inches deep, pressing the soil firmly on the tuber. Keep the soil loose and mellow by frequent hoeing, drawing soil to a slight hillock around plant.

Key to Abbreviations

The letters following the name denote type or class to which variety belongs. (C.) Cactus, (S.C.) Semi Cactus, (F.D.) Formal Decorative, (I.D.) Informal Decorative.

P.-W.'s Popular Dahlias

Aiko (S.C.)—Brilliant carmine red with silver reverse. Each, 35c.

Boychick (I.D.)—Immense garnet-red blooms often 10 inches across. Each, 50c.

★**Grace Curling** (I.D.)—Large blooms, cleft petals. Pure lilac with a pink tint and shading to white at base. Each, 25c.

Jersey's Beauty (F.D.)—A lovely pink. Considered by many the finest dahlia ever introduced. Each, 25c.

★**La Fiesta** (I.D.)—Large blooms of deep sulphur yellow penciled coral red. Curled petals; stout stems. Each, 40c.

★**Mrs. I. de Ver Warner** (F.D.)—Lovely, deep mauve pink, beautifully formed. It should be in every garden. Each, 25c.

Myra Howard (I.D.)—Very large pure gold with glistening rosy sheen. Each, 35c.

★**Maryland Orange** (S.C.)—Brilliant orange-red. A Gold Medal Winner. Each, 35c.

Palo Alto (S.C.)—Perfect blooms of clear bright salmon shading to gold center. Winner of many prizes. Each, 40c.

Thomas A. Edison (F.D.)—Gorgeous Royal Purple. Named for the famous inventor with his full approval. Each, 35c.

★**White Wonder** (I.D.)—The greatest white dahlia in this class. The blooms are perfect in every respect. Each, 35c.

Collection Offer No. 198

One each of the above varieties marked (★), five in all, (Regular Value \$1.60), all prepaid for.....

\$1.25

P.-W.'s Special Merit Dahlias

The Cream of the List as Selected from our
Centerville Trial Gardens

Dixie Ravensoft—See color page 46.

Dwight W. Morrow (I.D.)—Gigantic dahlia of the most gorgeous shade of red. Its heavy foliage matches the immense blooms. Each, 50c.

★**Jersey Dainty** (C.)—A very beautiful white which at times has faint shadings of pale pink. We heartily recommend it for its fine incurved, deep blooms set perfectly on long stiff stems. (See cut.) Each, 50c.

★**Jersey Melody** (S.C.)—Its unusual color is tyrian-rose tipped silver with silver reverse. It won our complete approval as the finest semi-cactus variety. Each, 50c.

★**Maryland Glory** (D.)—A glorious shade of rich American Beauty red. Gigantic blooms on excellent stems. Each, 40c.

Mrs. Geo. LeBoutillier (I.D.)—This spectacular dahlia created a sensation at the Eastern shows. The color is a rich velvety carmine. Enormous blooms on stiff stems. Greatly admired. Each, \$1.50.

Oriental Beauty (S.C.)—An entrancing bright rose-pink with beautiful incurved formation, carried on wonderful stems. An excellent cut flower. Each, 50c.

Pres. Franklin D. Roosevelt (F.D.)—Monstrous flower of Chinese red with fawn edge and creamy reverse. Bushes healthy and robust; stems strong and erect. An outstanding dahlia. Each, 50c.

★**Ruby Taylor** (I.D.)—Will draw attention like a magnet. The color is velvety garnet-red. The large, well-formed flowers are borne on strong rigid stems. Each, 50c.

Satan—See color page 46.

★**Spotlight** (I.D.)—Large full blooms of clear sulphur yellow with petals that curl and twist in a most fascinating manner. An early and constant bloomer. Each, 75c.

Sultan of Hillcrest—See color page 46.

★**W. H. T.** (F.D.)—A striking dahlia of beautiful large size and of exquisite petal formation. Its Begonia-rose color is most unique. (See cut.) Each, 50c.

Washington Giant—See color page 46.

Special Merit Dahlia Offer No. 199

One each of the (*) varieties in the above list, 6 in all (regular value \$3.00), all prepaid for....

\$2.50



Jersey Dainty

MINIATURE DAHLIAS

A new type of small Dahlias, same in form as the large Decorative Cactus and Peony Dahlias, but blooms are small, only 2 to 4 inches across, have wire-like stems, are excellent cut flowers. Will keep for days in water and work in nicely with other garden flowers.

Baby Royal (Min. S. C.)—Salmon-pink, shaded apricot and gold. A Gold Medal Winner. Each, 25c.

Baby Sagamore (Min. F. D.)—A favorite golden yellow. Will cut more flowers per plant than any other variety. Blooms from early season until frost. Considered the nearest perfect dahlia grown. Each, 35c.

Bishop of Llandoff (Duplex)—Rich, deep red with dark eye and nearly black foliage. Each, 25c.

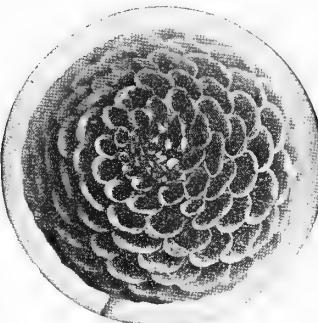
Coronne (Min. F. D.)—Beautiful pure white, resembling a Gardenia. Each, 25c.

Good Luck (Min. I. D.)—Golden bronze, a real Autumn shade. Petals laciniated. Very striking. Each, 25c.

Miniature Dahlia Collection No. 202

Consists of 1 bulb each of the five varieties listed above (Regular Value \$1.35.) All prepaid..... \$1.10

POMPON DAHLIAS



Pompon Type

These are the midgets of the dahlia family, producing very small, compact flowers, like miniature snowballs, averaging from 1½ to 2 inches in diameter.

Allbright—Deep gold, heavily tipped and toned red. Each 25c.

Bob White — Pure white. Each, 25c.

Gertrude — Rich crimson. Very fine. Each, 25c.

Mary Munns — Fuchsia to deep orchid. Each, 25c.

Nellie Frazier—Lovely bright pink, edged deeper. A beauty. Each, 25c.



Miniature Dahlias

Pompon Dahlia Collection No. 203

Consists of 1 bulb each of the five varieties listed. Five bulbs in all (Regular Value \$1.25.) Postpaid..... \$1.00

P.-W.'s Colorful CANNAS

Cannas are the most economical and effective plants employed in our gardens. They bloom from early Summer until frost in all sections of the country, succeeding in any sunny position in any kind of soil, but responding quickly to liberal treatment. For best results the beds should be spaded about two feet deep, and a generous amount of well-decayed manure of any kind thoroughly incorporated, and at all times freely watered. They are most effective when planted in masses of one variety, setting out the plants about two feet apart. The dormant roots should be planted inside in February or March and transplanted out-of-doors in the middle of May when weather is warm and settled. Do not water too freely until well started, then they should have an abundance. Plants 18 inches apart. We list four of the best cannas in cultivation:



Cannas for Beds and Borders

King Humbert (4 feet.) Scarlet flowers, bronze foliage; greatest favorite today. This remarkable "Gold Medal" Canna has been the sensation of the past years. Large flowers freely produced, and handsome, broad tropical foliage.

Mrs. Alfred E. Conard (4 feet.) It is unsurpassed planted singly or in large beds. Flowers large and of an exquisite pink color.

The President (4 feet.) In color a rich glowing scarlet with immense rounded flowers, seven inches across when fully open, are produced on strong stalks well above the heavy foliage. Free bloomer and strong grower.

Yellow King Humbert (4 feet.) Foliage a very dark green, flowers a deep rich yellow, softly spotted and blotched with bright red; measuring 5 to 7 inches across, individual petals 3 to 3½ inches in diameter. An orchid flowering sport of the well-known variety King Humbert. Furnished from February 1st to April 15th.

Price—Dormant Roots—Furnished from February 1st to April 15th. Extra large size any of above, each, 15c; dozen, \$1.50, postpaid. Not prepaid, \$1.25 per dozen; \$9.00 per 100.

P.-W.'s Canna Collection Offer No. 204

One strong dormant root each of the above four varieties postpaid for.....

50c

Canna Plants From April 25th to June. Strong, well-established pot-grown plants, ready in May. All of above named varieties, each, 25c; dozen, \$2.50; 100, \$15.00. Plants all f.o.b. Salt Lake. We recommend express shipment.

P.-W.'s Assortment Spring BULBS



Caladium (Elephant's Ear)

Anemone

Makes a magnificent color display during the spring outside and is equally fine for pot culture, borders, rock gardens, and cutting. Height, 1 ft.

St. Brigid—Semi-double and double blooms in a mixture of bright colors. 3 for **25c**; 12 for **70c**; 100 for **\$5.00**, postpaid.

Montbretias

Easily grown and highly valued for cut flowers. Our mixture contains many bright shades of yellow, salmon, orange, and scarlet. Tall spikes of flowers like miniature Gladiolus, are less stiff and more graceful. Lift bulbs in winter. Mixed colors—3 for **25c**; 12 for **85c**; 100 for **\$6.00**, postpaid.

Begonias, Tuberous Rooted

Ideal for Shady Places

Few plants can equal these for garden show in brilliancy of color, duration, and perfection of bloom. The ideal situation is in a filtered sunlight where there is plenty of fresh air, protected from strong winds, as on the north side of buildings where they receive sunlight a portion of the day.

For best results, the tubers should be started indoors in January or February. Plant first in moist sand, and after they are well sprouted, put them in 4 in. pots in good, rich soil. Plant in a shady location after frost danger is over. Plant 12 inches apart each way in a loose, friable soil. Use about one-third Peat or leaf-mold, one-third well-rotted cow manure, and one-third good, sandy loam.

Double Flowered—Red, pink, salmon, yellow, white, and mixed.

Single Frilled and Ruffled—Red, pink, salmon, yellow, white, or mixed.

Prices—Any of above, extra large bulbs, 3 for **50c**; **\$1.75** per doz.; **\$12.50** per 100, postpaid.

Plants—Well established from pots or flats are ready about May 15th. We can supply both separate and mixed colors. 3 for **75c**; **\$2.50** per doz. If by mail add 5c each; 30c per doz. extra for packing and postage.

Collection Offer No. 206

Those glorious, colorful Tuberous rooted Begonias for shady places: 1 bulb each of single and double in the following colors: red, rose, orange, salmon and white—10 bulbs in all. \$1 25
Regular value \$1.67, all postpaid for.....

THREE FINE CLIMBERS

Easily Grown from Roots

Apios Tuberosa

(Tuberous-Rooted Wisteria)

Clusters of small, purplish brown, fragrant flowers not unlike Wisteria blooms. Hardy. 6 to 8 ft. 15c each: 3 for 35c; 12 for **\$1.20**. Postpaid.

Cinnamon Vine

Attractive, shiny bright green foliage and small, whitish, fragrant blooms. 10 to 15 ft. Hardy. Large roots: 15c each; 3 for 35c; 12 for **\$1.20**. Postpaid.

Madeira Vine

Tiny white flowers in late summer and fall. Bright green leaves. Hardy with protection, 15 ft. high. Large roots: 12c each; 3 for 30c; 12 for **\$1.00**. Postpaid.

Tigrida (Tiger Flower)

Plant in sunny position in a well-drained soil. Colorful blooms in scarlet, rose, yellow, and orange. Large flowers of rather triangular form have six petals, the three smaller ones being blotched with carmine, purple, or mahogany. Height, 24 in. Ea., **15c**; 3 for **40c**; 12 for **\$1.40**, postpaid.



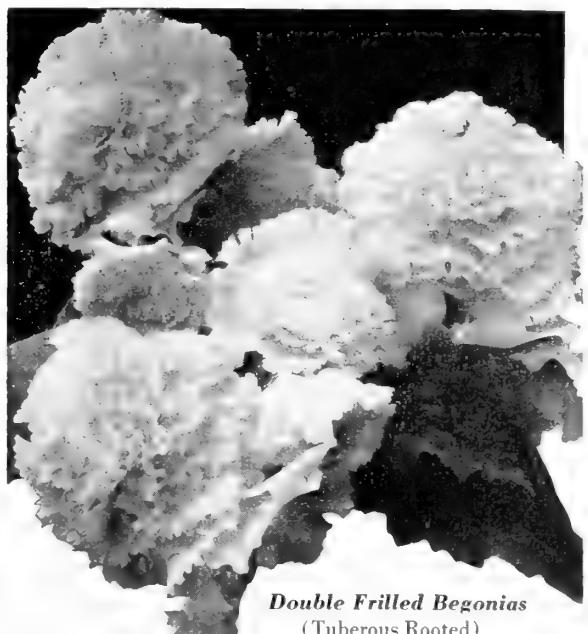
Tuberous Double Dwarf Pearl

Tuberose

Double Dwarf Pearl—Lovely waxy double flowers, very fragrant. For open-ground culture, plant in May or June in a warm location. 3 for **25c**; 12 for **60c**; 100 for **\$4.00**, postpaid.

Caladium

Plant in rich soil and give plenty of water. With such treatment a selected size bulb will make a plant about 4 ft. high with leaves 3 ft. long and 20 in. wide. First size, large bulbs, each, **30c**; 3 for **85c**; 12 for **\$3.00**, postpaid.



Double Frilled Begonias
(Tuberous Rooted)

A succession of bloom may be had from July to October by making plantings two weeks apart from the end of June. To make a good show they should be planted from five to six inches apart each way, the large bulbs being covered about six inches deep, small ones about four to five inches. Frequent cultivation with a hoe or a weeder, around the base of the plant, to prevent the soil from becoming hard and dry, is advisable. Where desired for garden decoration or exhibition, we advise plants being staked after attaining the height of one foot. (We offer light green dyed bamboo canes, which are excellent for this purpose.) Water copiously, and as the flower-buds begin to form, apply Vigoro (see page 86) for the best results.

HOW TO CONTROL THIRPS

These tiny, destructive insects cause a silvered appearance on the foliage and a drying of the flower-buds, and a general blighting of the plant.

Gladiolus corms obtained from us have been given every protection against Thrips. You should, however, continue treatment after you receive them. We recommend:

Before Planting

1. Remove the skins, so that "bare" corms are planted. Do not injure the growing tips when doing this. Burn skins.

2. Stir 2½ ounces of Semesan in one gallon of water. Immerse the bare corms in the liquid for a period of seven hours. Allow them to dry, then plant.

During Growth

3. Mix 1 ounce of Paris Green, 2 pounds of brown sugar and 3 gallons of water. Keep stirred, and spray the growing plants lightly but thoroughly with the mixture every 10 days until the first flower-bud opens.

When Bulbs are Lifted

4. In autumn, cut off the tops from the lifted corms and burn them. Place the corms in a low, but not freezing, temperature to cure for six weeks.

5. Place in boxes covered with paper for one month. Use Naphthalene Flakes at the rate of one ounce per 100 corms, or one-half pound per 1000 corms. Avoid containers with close-fitting lids, because ventilation is necessary.



Salbach's Orchid

6. At the end of the month, shake out the Naphthalene Flakes, and store the treated corms in the usual way.

Note—Semesan and Paris Green are poisons, and care must be taken in their use. See page 88.

P.-W.'s Colorful Garden of Gladioli for \$1.00

Collection No. 210

P.-W.'S
FAMOUS
\$1.00
OFFER

NO.
210

A dollar never bought more of beauty than our Special offer of 50 Flowering Size Bulbs of P.-W.'s Glorious Gladioli, including not less than Five Varieties for \$1.00. Rarely are flowers of the highest merit the most easily grown and surest of success. But such is the case with Gladioli. If there is room for a single flower in the garden it should be this.

50 BULBS, Flowering Size, not less than five Varieties, Post-paid for

\$100

NEW AND RECENT VARIETIES

Selected from the hundreds tested at Centerville as being exceptionally superior.

Duna (Midseason - Ht. 4 ft.)—Soft, light, pinky buff, fading to naphthaline-yellow at base of lip petals. Back of petals a brighter color. This color effect is new and most attractive. Each, 8c; doz., 75c; 100, \$5.00.

Edith Robson (Med. Early - Ht. 4½ ft.)—Light salmon-rose with reddish blotch. Tall, massive spike with many flowers open at one time. An excellent exhibition variety. Each, 8c; doz., 75c; 100, \$5.00.

Johannes S. Bach (Early - Ht. 5 ft.)—Of a beautiful orange-salmon, lighter in throat, with white midribs. Tall, strong grower with well arranged flower heads. A most beautiful variety. Each, 15c; doz., \$1.15; 100, \$8.00.

Mammoth White (Med. Early - Ht. 4½ ft.)—One of the best exhibition whites. Immense tall spikes, opening 7-8 blooms, oftentimes measure 6½-7 inches across. Each, 6c; doz., 60c; 100, \$4.00.

Pelegrina (Early - 4 ft.)—A pure dark violet-blue. When the first florets open, nearly all of the 16 to 18 buds are showing color, adding greatly to the attractiveness of this splendid variety. Probably the most consistent prize winner of any blue Gladiola originated. Everyone should have it. Each, 8c; doz., 75c; 100, \$5.00.

Salbach's Orchid (Midseason - Ht. 4 ft.)—Large, wide, open bloom of clear orchid-pink. Fine placement, carrying 7-8 heavily textured flowers open at once on fine, strong spikes. Each, 8c; doz., 75c; 100, \$5.00.

Veilchenblau (Midseason - Ht. 4½ ft.)—Violet-blue with dark, pansy-like blotches. Beautiful wide open flowers artistically arranged on a tall, straight stem. Here is a Gladiola that stands the heat. Each, 8c; doz., 75c; 100, \$5.00.

Wasaga (Midseason - Ht. 3½ ft.)—Beautiful clear glowing buff with wide open, well ruffled blooms. It has been called the most beautifully colored Gladiola in the world. Each, 6c; doz., 60c; 100, \$4.00.

Wurtembergia (Late - Ht. 4½ ft.)—Immense, fiery scarlet with creamy white throat markings. A flower head of 16-22 buds carried on always very tall and perfectly straight stems. A "must have" for the home garden. Each, 8c; doz., 75c; 100, \$5.00.

P.-W.'s COLLECTION OF NEW GLADIOLUS

DUNA, Buff; J. S. BACH, Salmon; MAMMOTH WHITE; PELEGRIINA, Violet-blue, SALBACH'S ORCHID; WURTEMBERGIA—Scarlet.

Offer No. 211

36 Bulbs (6 each of above
6 new varieties, regular
value, \$3.18) postpaid.....\$250

Offer No. 212

72 Bulbs (12 ea. of above
6 new varieties, regular
value, \$4.75) postpaid.....\$375

GLADIOLUS—COLLECTION OF THE WORLD'S BEST

The height and bloom period following the variety names below are only approximate and relative and will vary greatly according to soil, climate, and cultural treatment.

Ave Maria (Early - Ht. 4 ft.)—Light blue. Large flowers with small purple blotches. Each, 7c; dozen, 70c; 100, \$5.00.

Albatross (Early - Ht. 5½ ft.)—White, without a trace of color, 6 to 8 florets open at a time. Strong-growing sort for exhibition. Each, 7c; dozen, 70c; 100, \$5.00.

Betty Nuthall (Late - Ht. 5½ ft.)—A warm, light coral with pale orange throat and a light feathering of carmine. The florets are often six inches across, of splendid substance and placement. Each, 6c; dozen, 60c; 100, \$4.00.

Dr. F. E. Bennett (Med. Early - Ht. 5 ft.)—Peach-red overlaid with flame-scarlet, throat stippled with ruby and white. A very large, attractive red with plenty of vigor. Each, 6c; dozen, 60c; 100, \$4.00.

Commander Koehl (Midseason - Ht. 5 ft.)—Red. Large, brilliant scarlet-blood flowers on a tall stem. Fine exhibition sort and one of the best reds. Each, 7c; dozen, 70c; 100, \$5.00.

Debonair (Med. Early - Ht. 4½ ft.)—Pink, throat marked with cream and lightly dusted with crimson, sometimes with a flaking of dark pink: 6 to 8 blooms open at once. A mid-season exhibition sort. Each, 7c; dozen, 70c; 100, \$5.00.

Chas. Dickens (Pfizer) (Med. Early - Ht. 5 ft.)—Large, deep, rich velvety claret purple with darker blotch. 6c each; dozen, 60c; 100, \$4.00.

Maid of Orleans (Early - Ht. 4½ ft.)—Cream-white. The pure white florets have cream throats. Because many perfect florets are in full bloom at once, it is excellent for exhibition. Each, 7c; dozen, 70c; 100, \$5.00.

Marmorata (Midseason - Ht. 4½ ft.)—It is large, stately, and most unusual in colors which are lavender gray with petunia colored blotch. Each, 6c; dozen, 60c; 100, \$4.00.

Minuet (Midseason - Ht. 4 ft.)—Clear, light lavender with just a hint of opalescent shading. In our opinion this is still the finest of all lavender varieties. Each, 7c; dozen, 70c; 100, \$5.00.

Mother Machree (Midseason - Ht. 4½ ft.)—Misty lavender, suffused and overlaid with salmon-pink toward the edges of the petals. Each, 7c; dozen, 70c; 100, \$5.00.

Mrs. Von Konynenburg (Early - Ht. 5 ft.)—A charming light blue Gladiolus forming tall elegant spikes. An excellent color. Each, 7c; dozen, 65c; 100, \$4.50.

Mrs. Leon Douglas (Midseason - Ht. 5½ ft.)—Magnificent large blooms on long, heavy spikes. A brilliant Begonia-rose, striped orange and scarlet. Each, 6c; dozen, 60c; 100, \$4.00.

Pfizer's Triumph (Med. Early - Ht. 4½ ft.)—Perhaps the largest and finest salmon-red. Very vivid, extremely showy. Each, 6c; dozen, 60c; 100, \$4.00.

Picardy (Midseason - Ht. 5 ft.)—A clear, soft shrimp-pink with inconspicuous feathering of rose. This variety has been the sensation of the Gladiola world since its introduction, creating more favorable comment than any other variety and has won in every flower show. Now the most popular variety in existence. Each, 7c; dozen, 65c; 100, \$4.50.

W. H. Phipps (Late - Ht. 5 ft.)—Large clear pink overlaid with light rose-salmon, very faintly striped and speckled with ruby. Each, 6c; dozen, 60c; 100, \$4.00.

Paul Pfizer (Midseason - Ht. 4½ ft.)—Rich amaranth-red with a striking velvety sheen. Artistic long spikes. Each, 8c; dozen, 80c; 100, \$6.00.

Red Phipps (Midseason - Ht. 4½ ft.)—Attractive salmon-red. As a cut flower, it is long-lasting and one of the best reds in its class. Each, 8c; dozen, 75c; 100, \$5.00.

Yellow Perfection (Early - Ht. 4 ft.)—Clear, deep yellow. Large flowers, well placed on tall, sturdy stems. Each, 7c; dozen, 70c; 100, \$5.00.

P.-W.'s Superb Mixed—Our special mixture from the best named types. A well-blended combination of all colors, shades and combination. Dozen, 45c; 100, \$3.00.

P.-W.'s Primulinus Hybrid Mixture for Cutting

This type produces well-shaped blooms artistically arranged on long, slender spikes, very graceful for bouquets. Color range is golden-yellow, salmon, apricot, bronze, pink, scarlet and crimson. We offer an especially well-balanced color assortment in this mixture, Dozen, 45c; 100, \$3.00.

P.-W.'s Popular Gladiolus Collections of Six

GOOD STANDARD VARIETIES

Commander Koehl, Scarlet; Debonair, Pink; Maid of Orleans, White; Minuet, Lavender; Picardy, Apricot; Yellow Perfection, Yellow.

OFFER NO. 214

24 Bulbs, (4 each of above 6 varieties, regular value, \$1.68), all prepaid \$1.25

48 Bulbs (8 each of above, regular value, \$3.36), all prepaid \$2.25



Gladiolus (Ruffled Type)



Gladiolus (Regular Type)

P.-W.'s HARDY GARDEN LILIES

The sorts offered below can be planted with excellent results during the early spring months. It is in the hardy border that lilies do best, as they get the benefit of the shade of the surrounding plants, which is so necessary for their welfare; other varieties should be planted in the autumn, and are offered in our autumn catalog.



Hardy Lily Collection No. 218

Three each of Auratum, Royal and Speciosum Magnificum.
(Reg. Value, \$2.30).... \$175

Regale Lily
The Queen of
the Lily Family

Water Gardens-Hardy Water Plants

Sacred Lotus

Throughout America the Lotus grows luxuriantly and is perfectly hardy everywhere. This queen of aquatic flowers with its stately beauty thrives abundantly during our warm summer months, sending up its great shield-shaped leaves sometimes to a height of 6 feet. The gigantic blossoms, almost a foot across, overtop the leaves. They require the same general treatment as water lilies, growing in water from 6 to 12 inches deep. They like to be started in from 4 to 6 inches of water but after they take hold will thrive in even 2 feet. Give them a rich heavy loam, avoiding fresh manure, until they are growing. From the banana-like root they send out long runners which send up a leaf and a flower at each joint.

Sacred Lotus—This magnificent Oriental flowering aquatic has been grown for thousands of years. Here it is grown for its exotic beauty and the splendor of its flowers. In India and China it is grown about the Temples where it is reverenced as a symbol of the soul. The immense pink blossoms reach a foot in diameter and exhale a sweet haunting fragrance as of musk and sandal-wood redolent of the languorous East. **\$1.50** each.

Double Red Chinese Lotus—Huge, double-red like giant American Beauty Roses. A glorious variety giving a tremendous display. A truly magnificent plant with huge flowers, closely packed with petals, a foot across. A four-foot pool had a dozen open flowers at one time. **\$3.00** each.

SCAVENGERS FOR POOLS

All aquariums and pools need scavengers—fish to feed upon the insects, snails to devour algae and green scum. In all well-balanced pools goldfish and snails should be kept.

Japanese Snails—They devour algae and green scum, and help to keep the water clear. They do not lay eggs, but bring forth the young fully developed. **2 for 25c**.

Paper Shell Snails—Medium size snails with shell characteristics of their name. Very prolific egg layers, and are very active scavengers. **15c** a pair, **60c** a dozen.

P. W.'s Water Plants Collection Offer No. 219

CONSISTS OF THE FOLLOWING:

1 Arrow Head 2 Water Hyacinths
1 Ribbon Grass 1 Water Hawthorne
1 Parrot Feather All prepaid.....

\$100

Auratum (Golden-banded Japan Lily)—Large, graceful, fragrant flowers composed of six petals, delicate ivory-white thickly studded with chocolate-crimson spots and striped through the center a golden-yellow. 3 to 5 feet. July, September. Plant bulbs 8 to 10 inches deep. Mammoth bulbs. 3 for **85c**; doz., **\$2.75**; 100, **\$20.00**.

Philippinense Formosanum — A most beautiful large white trumpet-shaped lily. Flowers suffused on exterior with reddish brown. Delightfully fragrant. Blooms in September. Plant 8 inches deep. 3 for **55c**; doz., **\$1.75**; 100, **\$12.50**.

Royal (Regale)—One of the most beautiful yet introduced. 3 to 5 feet high, blooms in July; hardy and flourishes under varied conditions. Delicately scented flowers, produced freely, are ivory-white, shaded pink, tinged with canary-yellow. Plant 6 inches deep. Large flowering bulbs (6-7), 3 for **40c**; doz., **\$1.25**; 100, **\$9.00**. Extra large bulbs (8-9), 3 for **60c**; doz., **\$2.00**; 100, **\$14.00**.

Speciosum Magnificum—Better than Rubrum. The form is white, flushed pink, and heavily spotted and banded with carmine. The stem is about 4 feet high and has fresh, green lance-shaped leaves. Late August and early September bloomer. Plant the bulbs 9 to 12 inches deep. First size bulbs, 3 for **35c**; doz., **\$2.75**; 100, **\$20.00**.

Shallow Water Plants

Some of these plants like water up to 6 inches or more in depth and are marked thus *. Others like to have their crowns just under, about 1 to 2 inches and are marked †. Some like to have their feet wet but the crowns just above the water and are marked thus ‡. They are all easy to grow, like a rich loam soil and should be planted on ledges built for them or in pots or tubs raised to the proper depth.

Arrow Head — Arrow-shaped leaves with small white flowers. Excellent for bog or shallow water. **25c** each.

Porcupine Grass — A hardy plant, with slim, graceful stalks, three to four feet high, variegated in color about every two inches from green to cream color, round like the quills of a porcupine. Good background. Something new. **25c** each.

Ribbon Grass (Variegated)—Splendid for use at the corners of your pool or along the walk. Leaves striped with white, very ornamental. **25c** each.

Floating Heart—Bright yellow, crepe paper like fringed five-petaled flowers, size of a half-dollar. Leaves green blotted with maroon and floating on the water like a miniature lily. In bloom all summer, very hardy. **25c** each.

Parrot Feather—Green shoots trailing over the water, forms soft airy masses about the base of taller plants. One of the best for planting in fountain basins or along the rocks in pools. **25c** bunch.

Water Poppy—Cheerful yellow flowers like golden California Poppies. With a maroon eye the blossoms are handsome and are borne in greatest profusion all summer long. Plants look like miniature Water Lilies. Grows easily and quickly. Plant plenty of them. **15c** or 4 for **50c**; **\$1.00** per dozen.

Water Hawthorne—This exquisite water plant is the best of all the small aquatics. It blooms incessantly, the dainty white blossoms are forked and sprinkled with tiny black anthers. It has the true sweet fragrance of English Hawthorne and blooms and grows here even with ice on the pool! Plant in water from 4 to 12 inches deep. Special at **35c**. 3 for **\$1.00**.

Shell Plant—A beautiful floating shell-like plant, sending its slender roots down into the water. Spreads rapidly. Prefers a warm, shady situation. **20c** each.

Water Hyacinth—The most elegant of floating plants whose delicate spikes of blossoms rival an orchid for beauty. Most easily grown it flowers best when its roots are allowed to find soil 6 to 8 inches below. 2 for **25c**; **\$1.25** per dozen.



HARDY WATER LILIES

Water Gardens are now all the "rage" and rightly so, for what is there that would give the "Outdoor Living Room" a more distinctive touch than a charming Lily Pool.

If your yard is too small for a large pool, you can at least enjoy a miniature. An attractive pool can be made in a small tub which requires a space no larger than four by four feet. Even with such an improvised pool you can transform an uninteresting spot into a center of interest in your Home Grounds.

Hardy lilies are equally at home in concrete pools, half barrels, or tubs; and with a little care to prevent actual freezing of the roots, their beauty and fragrance may be enjoyed year after year. Lack of experience will not interfere with results, as water lilies "just grow" when provided with sunlight, rich soil and warm, shallow water.

The best soil is a heavy, fibrous loam clay, mixed with well-rotted cow manure or bone meal. Do not use sand, leaf mould or peat. Fresh manure must be avoided; its fermentation may sour the water or burn the roots.

Prices include delivery charges.

Attraction—The petals are Garnet red, with almost white sepals. One of the choicest of all the water lilies. Flowers unusually large, sometimes 8 inches. One of the longest blooming hardy lilies. **\$1.50** each.

Chromatella (Yellow)—Perhaps the most popular of all. Sulphur yellow in color with broad curving petals. Blooms throughout the spring and summer months. Leaves are handsomely splotched with maroon. Vigorous, very hardy. Special featured. **75c.**

Comanche—A rich apricot, changing later to a deep coppery bronze, to a glowing red in the depths of the flower. The best of the sunset colors, and very hardy. Charming. **\$1.50** each.

Conqueror—Large flowers 8 inches in diameter. Color, Cherry red, deepening with age, stamens orange-yellow, sepals almost white. Continually in bloom during the spring and summer. One of the showiest. **\$1.25** each.

Escarboucle—This is the most brilliant of all of the reds. It is a bright intense red, a vermillion with garnet stamen. A strong grower and a free bloomer. It is unquestionably one of the best. To those who have never had this variety it will prove a rare treat. **\$2.50** each.

Gloriosa—A truly remarkable red; satisfactory everywhere. Thrives under most extreme conditions. Blossoms delightfully fragrant and are often 6 to 7 inches across. The best red. **\$1.50** each.

Gonnere—Snowy white, averaging eighty petals to the flower, making a nearly full globe. The leaves are small and it does not require much room to grow, but gives an abundance of blooms. One of the very few double water lilies. **\$1.75** each.

Lucidia—A beautiful deep red hardy lily and a very free bloomer. **\$2.00** each.

Marliac Pink—Pale, pink flowers of unusual size and abundantly borne throughout the entire season. One of the most popular pinks. A good strong grower, one of the best for the amateur. **\$1.00** each.

Marliac White—Snowy white petals with bright yellow stamens. The fragrant blossoms are five to six inches in diameter. Sepals are tinted with pink. In bloom continually. **\$1.00** each.

NOTE—All Water Lilies and shallow water plants can be shipped from early Spring until August, but it is best to order early so they can get a good start, also that you may not be disappointed in your selection.

Masaniello—Large fragrant flowers, pink, dotted carmine. A strong grower and free bloomer. The flowers are cup shape. **\$1.50** each.

Neptune—Beautiful pink petals flushed with darker red at the base, giving it a truly attractive appearance. A very prolific bloomer. **\$1.50** each.

Pink Opal—An attractive deep pink, a medium size flower. It is one of the finest pink lilies for cut flower purposes. The buds are nearly round. When open, the petals are short, and the flower stands well above the water. **\$1.25** each.

Mrs. Richmond—A magnificent blossom considered in California the best of all varieties. Huge and massive pink blossoms and an enormous bloomer. Rare. **\$5.00** each.

Rose Arey—Undoubtedly one of the best of the Odorata section. A deep cerise-pink sometimes reaching eight inches in diameter. Petals are of a starry, pointed form and very fragrant. **\$1.25** each.

Somptuosa—The satiny pink petals have a richer glowing color near the base. During the season the plant blooms freely, sending up endless quantities of stiff stemmed flowers. **\$1.25** each.

Sultan—A large free blooming red flower of unusual merit. The sepals are white with red line. The flowers are of a very attractive red, deepening from rose to a cherry red towards the heart. **\$3.00** each.

P. W.'s Rainbow Collections Hardy Water Lilies No. 222

Consists of one each of CONQUEROR (red), GONNERE (white), ROSE AREY (pink). All prepaid for. (Regular Value, \$4.00) **\$3.50**

Offer No. 223

Consists of one each of CROMATELLA (yellow), MARLIAC (pink), and MARLIAC (white). All prepaid for. (Regular Value, \$2.75) **\$2.25**

P.W's Roses

PORTER-WALTON CO.



CENTERVILLE TEST AND DISPLAY GARDENS

Where "the Leaders"
are Selected

THE BEST OF THE NEW EVERBLOOMING ROSES

Angels Mateu (Plant Patent No. 174)—Exceptionally attractive, deep old-rose flushed with orange, predominates, and the sheen of the petals illuminates the flower with a play of colors. Growth is erect; foliage is dark green. **\$1.25 each; 3 for \$3.15.**

Catalonia—Decidedly a prize bloomer. Buds, rich carmine stained with orange, open to a large flower of glowing orange-scarlet. Its vivid color will glow like a beacon in your garden. Richly fragrant. **75¢ each; 3 for \$1.90.**

Countess Vandal (Plant Patent No. 38)—Acclaimed the "belle of all roses." The most artistic bud in rosedom, garbed in coppery bronze and pink suffused with silver and soft gold. **\$1.00 each; 3 for \$2.50.**

Crimson Glory (Plant Patent No. 105)—Glorious in its perfection of form, size, and fragrance. Easily recognized among other roses by its large, urn-shaped buds which open into full, well-formed blooms of deep vivid crimson, shaded ox-blood red and finished with a velvety nap. A bushy grower; continuous bloomer. **\$1.00 each; 3 for \$2.50.**

Dickson's Red (Patent Pending)—A fragrant, glowing scarlet-red from the Emerald Isle. (See color plate opposite page.) **\$1.50 each; 3 for \$3.75.**

Eclipse (Plant Patent No. 172)—Its long, streamlined bud, which often exceeds two inches in length, is enhanced by ornamental sepals which contrast harmoniously with the rich gold of the petals. Winner, Gold Medal Awards in Paris, Rome, and U.S.A. **\$1.25 each; 3 for \$3.15.**

Eternal Youth (Plant Patent No. 332)—Bush is symmetrical and disease resistant. Prolific bloomer. (See color plate opposite page.) **\$1.50 each; 3 for \$3.75.**

Hector Deane (Patent Pending)—Very fragrant. Crimson bud with a suggestion of orange in the depths, the orange diffusing as it opens, leaving at the heart only a clear circle of yellow. Vigorous and constant in bloom. (See color plate opposite page.) **\$1.50 each; 3 for \$3.75.**

McGredy's Pride (Patent Pending)—Color is orange and salmon-pink, flushed and veined saffron yellow; outside of petals yellow cadmium, flushed flesh-pink. Full flowers borne freely on long, stout stems; buds are long and pointed. Outstanding for its remarkably long-lived blooms, both on the plant and when cut for indoor enjoyment. **\$1.50 each; 3 for \$3.75.**

McGredy's Sunset (Plant Patent No. 317)—Unusually fragrant. Sun resistant. (See color plate opposite page.) **\$1.50 each; 3 for \$3.75.**

Mme. Cochet-Cochet (Plant Patent No. 129)—Long-pointed buds of coppery pink, flushed orange, open to fragrant cupped flowers of soft salmon-pink with a satiny sheen. It will be one of the most admired roses in your garden. **\$1.00 each; 3 for \$2.50.**

Mme. Henri Guillot (Patent Pending)—This charming two-toned rose is a harmony in deep watermelon to raspberry-pink, heavily veiled with reddish orange, producing an enchanting, flame-like glow of flashing scarlet. **\$1.50 each; 3 for \$3.75.**

Rex Anderson (Plant Patent No. 335)—Large flowers of white with an overcast of ivory, slightly deeper in the center. Blooms in rapid succession with several together on strong stems. Very vigorous; dark green foliage. **\$1.50 each; 3 for \$3.75.**

R.M.S. Queen Mary (Plant Patent No. 249)—Long buds open to lovely blooms of a glorious combination of vivid shades, blending rich glowing salmon with exquisite pure pink with an orange base. Blooms almost continuously and produces its long-lasting flowers on strong, erect stems. **\$1.50 each; 3 for \$3.75.**

Saturnia (Patent Pending)—A glorious, 25-petaled rose. Its cardinal-red with salmon-yellow on the reverse side of its petals give it a warmth difficult to describe—and more difficult to forget. Its long, well-formed buds are exceptionally elegant. **\$1.00 each; 3 for \$2.50.**

Signora (Plant Patent No. 201)—"The most polychrome" of all roses. (See color plate opposite page.) **\$1.25 each; 3 for \$3.15.**

Will Rogers (Plant Patent No. 256)—Very striking dark velvety crimson-maroon. Free blooming, very double. Vigorous dark green foliage. **\$1.00 each; 3 for \$2.50.**

New Rose Offer No. 226

Consists of 1 each of ANGELS MATEU, CATALONIA, ECLIPSE, REX ANDERSON, and CRIMSON GLORY. 5 in all.

Postpaid

\$5.00

At left—

**Hector
Deane**

(Pat. Pending)
\$1.50 each
3 for \$3.75



COPYR GHT



COPYR GHT

McGredy's Sunset

(Patent No. 317) (See above at right)
\$1.50 each; 3 for \$3.75



COPYR GHT

Eternal Youth

(Plant Patent No. 332) (See above.)
\$1.50 each; 3 for \$3.75

**Dickson's
Red**

(Pat. Pending)
\$1.50 each
3 for \$3.75
(See right)

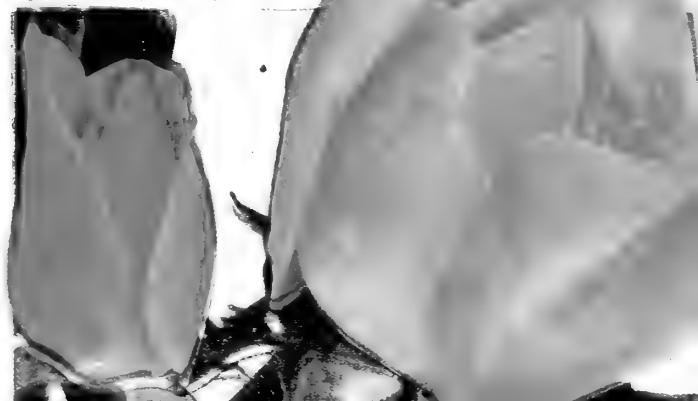


COPYR GHT

Signora

(Patent No. 201)
(See cut at right)

\$1.25 each; 3 for \$3.15



New Rainbow "Five"

**Leading Novelty Roses Offer
No. 230**

This consists of one each of the five "Top-
pers" in New Patented Roses—shown on this
page. They not only possess color, beauty and
charm, but they all grow vigorously, bloom
abundantly, and are delightfully fragrant. De-
sirable both for garden display and for cutting.
Words and color illustrations fail to depict their
real worth and merit — must be
grown to be appreciated. All five \$6.00
postpaid for only.....

(See page 54 for other Novelty Roses)

P-W's Best

(Regular Value \$7.35) **ALL FOR \$1**

Sunkist 60c

Mme. Jos. Perraud 60c

Condesa De Sastago 60c

Pink Dawn 75c

McGredy's Scarlet 60c

Duquesa De Penaranda

Dozen

50
PAID

No. 1 - 2 Yr. Old
Everbloomers



Editor McFarland 50c



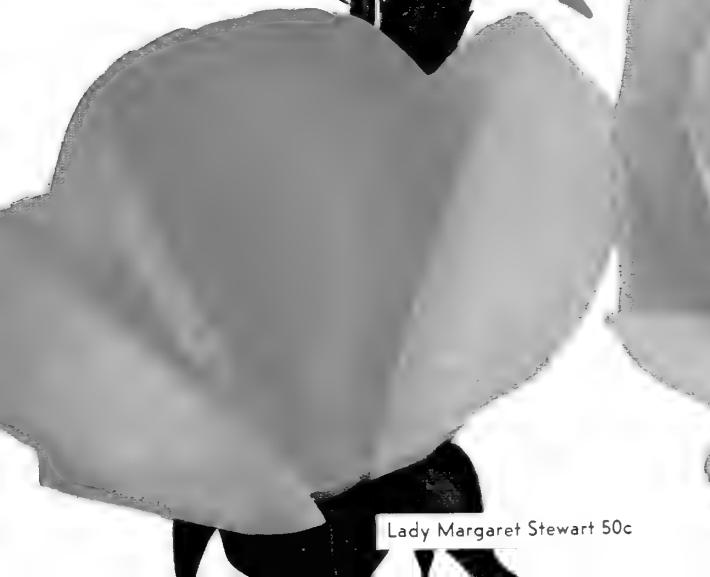
Christopher Stone \$1.00



Victoria Harrington 60c



Hinrich Gaede 60c



Lady Margaret Stewart 50c



Mrs. P. S. DuPont 50c

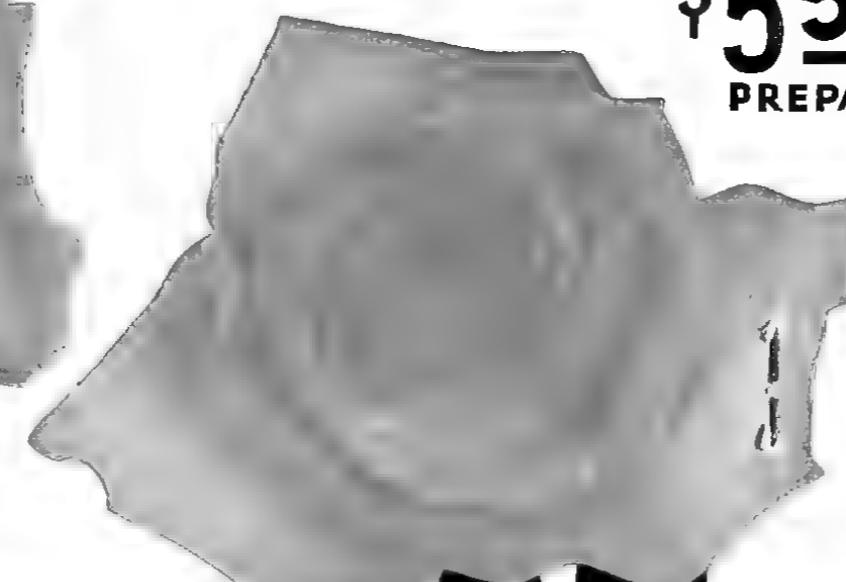
P-W's Best Dozen

(Regular Value \$7.35) **ALL FOR \$5.50**
PREPAID

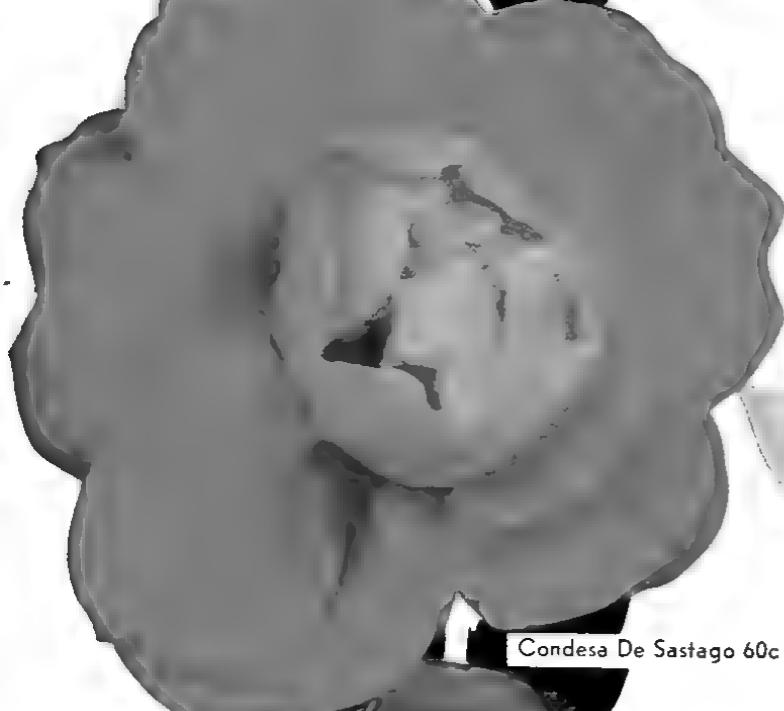
No. 1 - 2 Yr. Old
Everbloomers



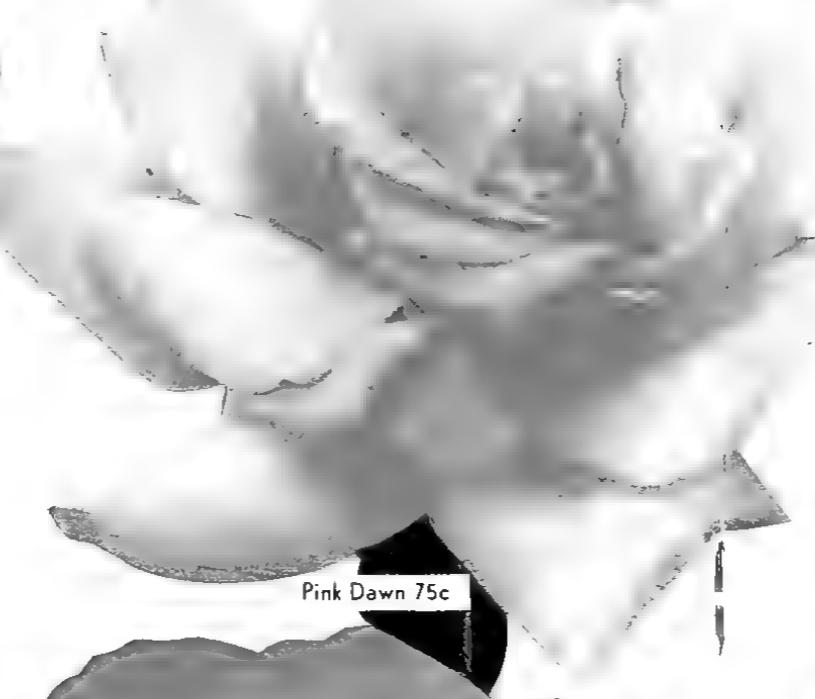
Sunkist 60c



Mme. Jos. Perraud 60c



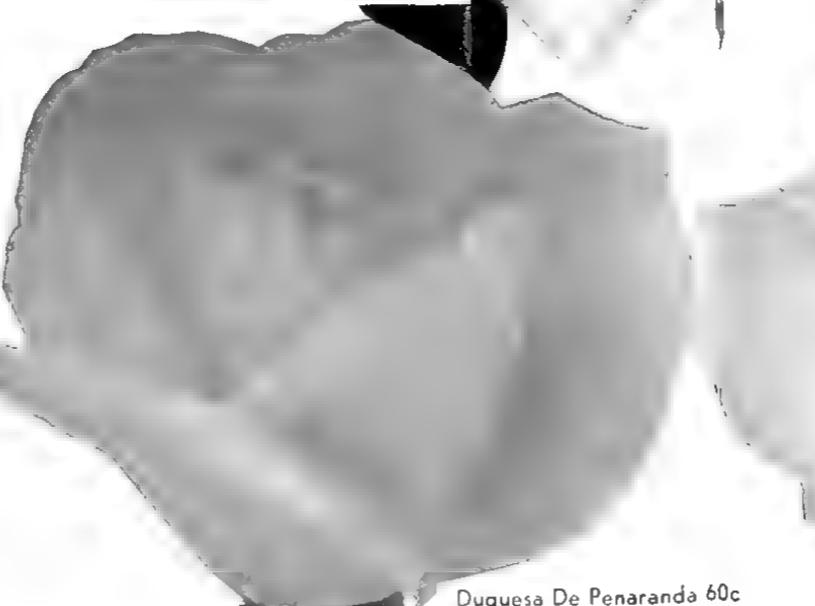
Condesa De Sastago 60c



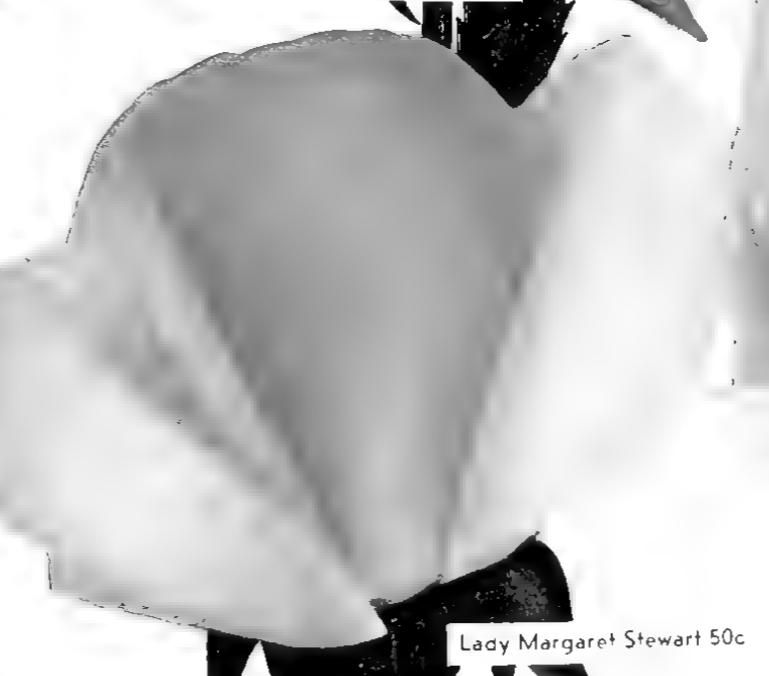
Pink Dawn 75c



McGredy's Scarlet 60c



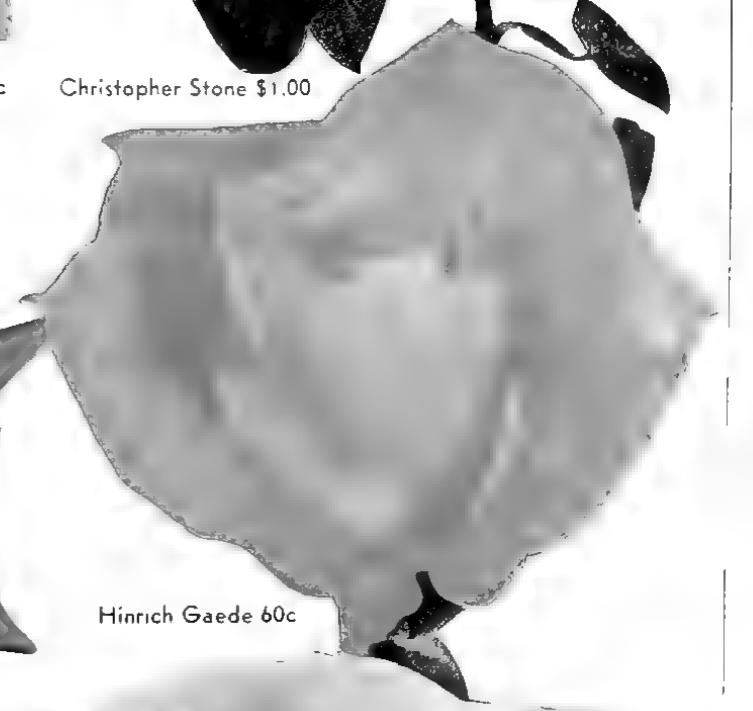
Duquesa De Penaranda 60c



Lady Margaret Stewart 50c



Edgar McFarland 50c



Christopher Stone \$1.00



Hinrich Gaede 60c



Mrs. P. S. DuPont 50c

P.-W.'s
"Popular
Six"
Ever-
blooming
ROSES
All No. 1
2 yr. old
selected
field
grown
shrubs

Condessa De
Sastago

Exquisite two toned
coppery pink and
gold. Each, 60c.

Etoile De
Hollande

Magnificent velvety
crimson. Each, 50c.

Grenoble

Glorious deep crim-
son red. Each, 50c.

Miss Rowena
Thom

Clear rose pink.
Each, 60c.

Pres. Hoover

Striking duotone
cerise and gold, deep
rose shadings. Each,
50c.

Soeur
Therese

Rich golden yellow
with faint markings
of carmine. Each,
75c.

P.-W.'s "POPULAR SIX" ROSE COLLECTIONS

Offer No. 236

Consists of 1 each of the 6 roses shown
above. (Regular Value \$3.35.)
Prepaid

\$275

Offer No. 237

Consists of 2 each of above 6 roses.
(12 in all.)
Prepaid

\$500

Everblooming ROSES—Old & New

This list is the pick of both old and new—the leading Everblooming Garden Roses to date. Hybrid Tea are marked (H.T.), Hybrid Perpetual (H.P.), and Tea Roses (T.).

We offer strong, healthy two and three-year-old roots, which are thoroughly adapted to the rigors of climate in the Mountain States. Our strong, vigorous rose shrubs are in no sense comparable in value to those offered by some other sources at so-called "Bargain Prices." For convenience in selecting colors, we have arranged the varieties in color groups.

Crimson, Red and Scarlet

American Beauty (H.P.)—Grand carmine-red. Each 50c.
Ami Quinard (H.T.)—Deep, velvety crimson maroon. Each, 50c.

Christopher Stone (H.T.)—Large crimson scarlet with a velvety sheen. (See page 57.) Each, \$1.00.

Cynthia (H.T.)—Very double, bright scarlet-carmine toned gold at base. Each, 50c.

E. G. Hill (H.T.)—Dazzling scarlet to deep red. Each, 50c.
Etoile de Hollande (H.T.)—Magnificent velvety crimson. (See page 58.) Each, 50c.

Essence (H.T.)—Grand, deep crimson. Each, 50c.

Gipsy Lass (H.T.)—Charming glowing scarlet-crimson. Long stemmed. Each, 60c.

Grenoble (H.T.)—Glorious deep crimson red. (See page 58.) Each, 50c.

Gruss an Teplitz (H.T.)—Fiery-crimson. Wonderful hedge rose. Top size, 50c each. No. 2 sizes, suitable for hedge work, 30c each; 10 for \$2.75; 100 for \$25.00.

Hadley (H.T.)—Velvety crimson. Excellent. Each, 50c.

J. C. Thornton (H.T.)—Orange-scarlet. Most charming. Each, 50c.

Margaret McGredy (H.T.)—Large double orange scarlet. Each, 50c.

McGredy's Scarlet (H.T.)—Dark glowing rose. (See page 56.) Each, 50c.

Rouge Mallerin (H.T.)—Charming new deep red. Long stems, well formed, fragrant. Excellent for cutting. Each, 75c.

Red Radiance (H.T.)—Clear, large, cerise-red. Each, 50c.

Sensation (H.T.)—Large dark crimson. Fragrant. Each, 60c.

Syracuse (H.T.)—Double, lasting bright scarlet crimson. Vigorous. Each, 50c.

Victoria Harrington (H.T.)—Non-fading velvety dark red. (See page 57.) Each, 60c.

White and Blush White

American Beauty White (H.T.)—Snow-white. Each, 50c.

Caledonia (H.T.)—Exquisite, best pure white. Each, 50c.

Innocence (H.T.)—Pure white; wine-red stamens. Single. Each, 60c.

McGredy's Ivory (H.T.)—Large, well-shaped; warm ivory. Each, 75c.

Mme. Jules Bouche (H.T.)—White, blush center. Each, 60c.

Orange and Yellow

Cecil (H.T.)—Buttercup-yellow. Single. Each, 60c.

Condesa de Sastago (H.T.)—Coppery pink inside; golden yellow reverse. (See page 56.) Each, 60c.

Heinrich Wendland (H.T.)—Inside of petals nasturtium red, reverse golden yellow. Each, 60c.

Hinrich Gaede (H.T.)—Striking copper-orange, darker veining. (See page 57.) Each, 60c.

Joanna Hill (H.T.)—Creamy yellow shaded bronzy pink. Each, 50c.

Lady Margaret Stewart (H.T.)—Coppery-orange veined orange-scarlet. (See page 57.) Each, 50c.

McGredy's Yellow (H.T.)—Bright butter-cup yellow. Each, 60c.

Mrs. E. P. Thom (H.T.)—Fully double pure yellow. Each, 60c.

Mrs. P. S. duPont (H.T.)—Large, double, rich golden yellow. (See page 57.) Each, 50c.

Sir Henry Segrave (H.T.)—Beautiful deep, lemon yellow. Each, 75c.

Soeur Therese (H.T.)—Buds chrome-yellow; flower daffodil-yellow. (See page 58.) Each, 75c.

Sunkist (H.T.)—Coppery-orange. (See page 56.) Ea., 60c.



Rouge Mallerin

Copper and Salmon

Autumn (H.T.)—Rich burnt orange, yellow, and red. Each, 50c.

Duquesa de Penaranda (H.T.)—Delightful blend of apricot-orange and pink. (See page 56.) Each, 60c.

Edith Nellie Perkins (H.T.)—Delicate light cerise pink, inside suffused gold. Each, 50c.

Federico Casas (H.T.)—Coppery pink and orange. Each, 75c.

Los Angeles (H.T.)—Flame-pink, toned coral, gold base. Each, 50c.

Lucie Marie (H.T.)—Buttercup yellow, shaded orange-cerise. Each, 50c.

Mme. Edouard Herriot (H.T.)—Coral red, shaded yellow. Each, 50c.

Mme. Jos. Perraud (H.T.)—Novel nasturtium-orange, flushed shell pink. (See page 56.) Each, 60c.

Mrs. Sam McGredy (H.T.)—Grand orange-salmon, suffused gold. Each, 60c.

President Hoover (H.T.)—Striking maroon-orange, gold, and cerise-pink. (See page 58.) Each, 50c.

Talisman (H.T.)—Sensational rich golden-reddish apricot, stained copper. Each, 50c.

Pink Shades

Dainty Bess (H.T.)—Single, delicate pink; wine stamens. Each, 60c.

Dame Edith Helen (H.T.)—Glowing two-toned pink. Each, 50c.

Editor McFarland (H.T.)—Perfectly formed, brilliant unfading pink. (See page 57.) Each, 50c.

George Arends (H.P.)—Large clear pink, very fragrant. Each, 50c.

J. Otto Thilow (H.T.)—Perfect flowers of rich rose-pink. Each, 50c.

Miss Rowena Thom (H.T.)—Immense, bright pink, gold base. (See page 58.) Each, 60c.

Picture (H.T.)—Rich pink with salmon undertone. Each, 75c.

Pink Dawn (H.T.)—Salmon rose, bronze and gold. (See page 56.) Each, 75c.

Radiance (H.T.)—Brilliant carmine-pink. Each, 50c.

Rapture (H.T.)—Deep shell-pink. Exquisite fragrance. Each, 60c.

P.-W.'s GLORIOUS ROSES

Rugosa and Hybrid-Rugosa Roses

Shrub-like roses. Valuable for their crinkled foliage and highly colored "hips"; show to good advantage in groups and hedges. (See also page 65 under Hedges.)

Belle Poitevine—Large loosely formed flowers of bright magenta pink; borne in large clusters continuously. Ea., **50c.**

Hansa—Double, reddish violet flowers of large size. Ea. **50c.**

Sir Thomas Lipton—Snowy white flowers of good size and unusual quality borne in profusion in spring. Each, **50c.**

Pink F. J. Grootendorst—Pretty clear pink, everblooming Baby Rugosa. Each, **50c.**

Red F. J. Grootendorst—The red everblooming Baby Rugosa. Each, **50c.**

Rubra—Large single flowers, various shades of magenta, and rosy crimson. Blooms profusely. Each, **50c.**

"Sweet Briar" & Other "Shrub Roses"

Austrian Copper—Bright coppery red, the reverse of the petals golden yellow. An old, very hardy favorite. Each, **75c.**

Rosa Hugonis—A splendid Rose for the Shrubbery border with delicate yellow single flowers produced on long arching sprays early in May; after it has finished flowering it remains an attractive decorative bush for the balance of the season; perfectly hardy (see cut). Each, **50c.**

Rubrifolia—Intensely pink, starry flowers, red foliage. Each, **50c.**



"Shrub Rose"—*Rosa Hugonis*

EVERBLOOMING POLYANTHA & FLORIBUNDA ROSES

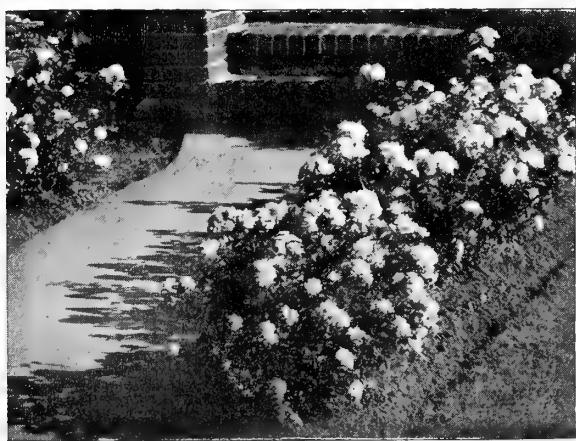
Hardy as Oaks; bloom as freely as Geraniums. A mass of color from June till snow.

These are hardy, everblooming roses of dwarf habit which have been specially bred for mass planting. They should be planted in groups of from not less than three plants of a kind to a hundred or more in beds or shrub borders. They are not only permanent but are more colorful and beautiful than the tender-foliaged bedding plants which have been used heretofore for this purpose.

They are ideal for color effects among shrubs, perennials, and evergreens, providing color the entire summer. For best effect they should be planted about 14 inches each way.

Mlle. Cecile Brunner—The "Sweetheart" Rose. Perfect for boutonnieres. Dainty sea-shell pink; delightfully fragrant. **50c** each; 3 for **\$1.25**.

Permanent Wave (Plant Patent No. 107.) (New Floribunda)—The single cerise-edged rosy-pink blooms are three inches across and come in bouquets of six or more on a stem. Each petal is fluted or waved, permanently from the bud stage to the finish. Winter hardy and disease resistant. **75c** each; 3 for **\$1.90**.



Golden Salmon Polyantha
(Excellent for Beds and Borders)

Smiles (Plant Patent No. 331) (New Floribunda)—"It smiles at you." Brilliant semi-double salmon-pink flowers, 3 inches across. Blooms constantly in great masses and defies all weather. **85c** each; 3 for **\$2.15**.

World's Fair (Patent Pending) (New Floribunda)—Bushy plants nearly hide themselves under clusters of large velvety blooms of blackish scarlet; the fragrant petals surrounding a glowing mass of golden stamens. Furnishes a continuous display of color from late spring until frost. A solid bed of this variety will give you something to boast about. **\$1.00** each; 3 for **\$2.50**.

Six Popular Polyantha Roses

Chatillon—The clear pink flowers bloom continuously in huge clusters resembling large heads of Phlox.

Echo—White flushed pink. Thornless. Very desirable.

Else Poulsen—Lasting brilliant two-toned rose pink. Semi-double; sweetly scented. A vigorous grower.

Golden Salmon—Huge clusters of bright salmon-orange. Profuse bloomer.

Ideal—Garnet red. One of the finest dark red Polyanthas.

Kirsten Poulsen—A tall four to five-foot Polyantha. Produces myriads of dainty red buds and clean bright scarlet trusses of bloom all season long.

PRICE—Any of the above, Special Hedge Size, **35c** each; 3 for **\$1.00**; 10 for **\$3.00**; 100 for **\$27.50**, prepaid.

Miniature Roses

Rosa Rouletti—A rock-garden "gem" and also a gem of an edging plant. It grows about 6 inches tall in bushy form, is healthy and hardy and blooms continuously. The tiny, rose-pink, quite double flowers are less than an inch in diameter. A lovely little plant to use in window-boxes. **50c** each; 3 for **\$1.25**.

P.-W.'s Hardy Climbing Roses

American Beauty—Has the same deep rose-pink color, large size, and sweet fragrance of the American Beauty, with the addition of the climbing habit. Each, 50c.

American Pillar—Enormous single flowers, three to four inches across, of a lovely shade of pink, with a clear white eye and long golden stamens. The large clusters completely envelop the plant. A variety of great beauty which appeals to everyone. Each, 50c.

Dr. W. Van Fleet—The long pointed buds are of a rich flesh-pink on stems 12 to 18 inches long; splendid for cutting. Vigorous grower. Each, 50c.

Flash (Patent Applied For)—Spectacular as a Fourth of July celebration. Luminous orange-scarlet with the back of the petals yellow, suffused with scarlet. Center of the flower is gleaming yellow and filled with golden anthers. Its glowing, flashing color is unmatched. An "All-American Rose Selection." Each, \$1.00.

Paul's Scarlet Climber Pure vivid scarlet. No other rose, in any class, can compare with this for brilliancy of color which is maintained until the petals fall. It is of strong climbing habit and perfectly hardy. Each, 50c.

Primrose—Long pointed buds of a beautiful canary yellow; flowers rosette-shaped. Dark green, glossy, holly-like foliage. A real hardy yellow climber. Each, 50c.

Silver Moon—Beautiful semi-double flowers, four inches and over in diameter, pure white in color. Petals of great substance, beautifully cupped; golden stamens in the center add to its attractiveness. Each, 50c.

Doubloons (Plant Patent No. 152.) Midseason. Yellow. This is one of the hardiest of the new yellow climbing Roses. The well-formed buds open to large, firm-textured blooms of saffron-yellow. These come in clusters of three or more, opening one after the other, thus prolonging the flowering season. Considered the best oak-hardy yellow climbing Rose. Under favorable conditions it has a tendency to repeat in midsummer. Each, \$1.50.

P.-W.'s EVERBLOOMING CLIMBING ROSES

While these varieties do not bloom as constantly as their Hybrid Tea parents, yet their bloom period recurs during the season so they are classed as everbloomers. Where possible, give them a protected situation.

Cl. Black Boy—Produces a profusion of large semi-double flowers of very dark reddish black in the spring, and in the summer the bloom is a bright red. Very vigorous. Each, 60c.

Blaze (Plant Patent No. 10)—A blazing scarlet beauty. Hardy everblooming Paul's Scarlet Climber. Each, \$1.00.

Cl. Countess Vandal (Plant Patent No. 38)—Produces the same long, pointed buds of coppery-bronze, pink and gold, as the bush form in even greater profusion. A magnificent vigorous climber. Each, \$1.00.

Cl. Dainty Bess—Dainty, single, blush-pink flowers decorated with a mass of wine-colored stamens. Altogether charming in its simplicity. Each, 60c.

Cl. Dame Edith Helen—Flowers are identical to the bush form; bright pink, perfectly shaped, highly fragrant. Each, 60c.

Cl. Etoile de Hollande—The peer of all red roses; magnificent both in bud and bloom. Flowers identical to the bush form. Each, 60c.

Cl. Los Angeles—Has the same glorious flame-pink toned coral flowers as the bush form. Each, 60c.

Mermaid—Blooms steadily throughout the season, producing quantities of beautiful single flowers of great size, sulphur-yellow with a lovely heavy mass of rich golden anthers. Each, 60c.



Climbing Roses for Charming Effect

Staechelin (Spanish Beauty.) Long-stemmed, delicate pink blooms, shaded carmine. Buds are long-pointed and the lightly curled petals form a large, semi-double, open flower which radiates a delightful fragrance. Each 50c.

Collection Offer 246

Includes the following Glorious Climbing Roses:

1 PAUL'S SCARLET—Scarlet
1 PRIMROSE—Yellow
1 STAECHELIN—Pink

3 in all (reg. value, \$1.50) for.....

\$1 15
Postpaid

Cl. General McArthur—Deep velvety-crimson, double, and buds are well-formed. Each, 50c.

Cl. Mme. Eduoard Herriot Brilliant coral-red buds opening to flowers of flaming pink and orange. Flowers slightly larger and more brilliant than bush form. Each, 60c.

Cl. Mme. Jules Bouche—White buds. Open blooms show a slight blush in the center. Fragrant. Each, 60c.

Cl. Mrs. E. P. Thom Well-formed blooms of clear yellow. Among the best of the yellow varieties. Each, 60c.

Cl. President Hoover—A combination of a most striking maroon-orange, gold, and cerise-pink. Possesses a delicious fragrance. Each, 60c.

Cl. Talisman—Flowers same as bush form—that sensational, rich, golden, reddish apricot, stained copper. Each, 60c.

Collection Offer No. 247

Includes 1 each of Cl. Dainty Bess, 1 Cl. Mrs. E. P. Thom, 1 Cl. Gen. McArthur (reg. value \$1.70) postpaid

\$1 25

SHRUBS - P. - W.'s Beautiful

Following each description we indicate the height and spread at maturity. For example: ("H 3-4, S 3-4.") may be interpreted: "height 3 to 4 feet, spread 3 to 4 feet." It is understood that the sizes given are only approximate, and will vary considerably, according to soils and climate. Shrubs marked (*) can be grown in partial shade, but they will also thrive in full exposure to the sun.



Flowering Almond

Almond, Double Fl.

The flowers are borne on its slender branches during May and are very fragrant. (H 3-4, S 4.) **Double Pink**, **Double White**. 18-24 in., 50c; 2-3 ft., 75c.

*Althea

(Rose of Sharon)

Blooming from August to October; extensively used as hedge plants. We offer in four distinct colors. (H 10-12, S 6-8.)

Double Varieties—Red, Pink, White, and Purple. 2-3 ft., 50c.

Single Varieties—Coelestis, large flowering, deep blue. 2-3 ft., 75c.

Amorpha

False Indigo (A. Fruticosa)—Grows in large spreading bush form, with bright green leaves in pinnate arrangement; flowers deep violet-blue in June. (H 8-10, S 8-10.) 2-3 ft., 50c; 3-4 ft., 75c; 4-5 ft., 90c.

Aralia

Spinosa (Devil's Walking Stick) — Sometimes called "Hercules Club." Blooms July, August, large panicles, white flowers followed by black berries, develops a tree-like form, branches very spiny. (H 15-18, S 7-8.) 2-3 ft., 50c; 3-4 ft., 75c.

*Berberis (Barberry)

Japanese Barberry (B. Thunbergii) —Beautiful shrub for hedges, border, screens or general purposes. Very compact and needs no attention with the shears. (H 3-4, S 3-4.) 15-18 in., 30c; 18-24 in., 40c; 24-30 in., 50c.

All prices on shrubs are f.o.b. Salt Lake City. See page 66 for quantity price schedule. If wanted by mail add 3c each extra on 18-24 in. size; 5c each on 2-3 ft. size, and 8c each on 3-4 ft. size, for packing and postage.

Purple Leaved Barberry

Attractive colored, graceful, taller than the Japanese types. (H 6-8, S 5-6.) 15-18 in., 40c; 18-24 in., 50c; 2-3 ft., 60c; 3-4 ft., 75c.

Red Leaved Barberry

(B. Thunbergii Atropurpurea)—In habit of growth and in fruiting it is identical with the popular Japanese Barberry, but its foliage develops a rich, bronzy-red color. (H 3-4, S 3-4.) 15-18 in., 50c; 18-24 in., 75c.



Truehedge Columnberry

Berberis T. Pl. Erecta, U. S. Pat. No. 110

Truehedge Columnberry

Berberis Pluriflora Erecta—(U. S. Plant Patent No. 110.) A new Barberry — vertical, compact, roundly columnar, vigorous, healthy, dense, beautiful. This makes you a READY-MADE HEDGE almost at once! No pruning needed to keep a formal face and height. Often mistaken for Boxwood. TRUE-HEDGE is valuable for refined lawn specimens (see cut). Price: 15-18 in., each 35c; 5 for \$1.40; 25 for \$5.75.

Buddleia

(Butterfly Bush)

Alternifolia — Very hardy; does not freeze in the winter. Flowers are lavender-purple with a reddish-crimson eye, in very compact clusters. Prolific bloomer. Fine leaves and branches of semi-weeping habit. (H 4-6, S 4-5.) 2 yr., 60c each.

Farquhar — Deep, rose-lilac flowers. Very prolific. (H 5-6, S 4-5.) 2 yr., 50c.

Ille de France — New dark claret purple, long spikes, free flowering, vigorous. (H 5-6, S 4-5.) 2 yr. plants, 60c.

Caragana

Siberian Pea Tree (C. Sibirica) — Compound leaves bright green; numerous small clusters of yellow flowers. (H 8-10, S 8.) May and June, 18-24 in., 25c; 2-3 ft., 35c; 3-4 ft., 50c; 4-6 ft., 75c.

Callicarpa

Purpurea (Chinese Beautyberry) — Clusters of pink flowers during August, followed by violet berries. (H 3-4, S 2-3.) 2-3 ft., 65c.

*Chokeberry (Aronia)

Arbutifolia — Attractive pale green, foliage coloring to vivid red in the Fall. White flowers in May are followed by masses of red berries. (H 7-9, S 6-8.) 18-24 in., 50c; 2-3 ft., 75c.

*Cornus (Dogwood)

Red Siberian (C. Sibirica) — Produces cream colored flowers in June, light blue fruits, and bright red twigs and branches. (H 6-8, S 6.) 18-24 in., 30c; 2-3 ft., 45c; 3-4 ft., 60c.

Golden Twig (C. Stolenifera, Lutea) — Yellow stemmed. Clusters of white flowers, stems and branches are yellow. (H 7-8, S 7.) 18-24 in., 30c; 2-3 ft., 45c.

Variegated Dogwood (Cornus Eleagnissima) — Silver and green foliage, red bark, sometimes known as Silver Blotch Dogwood. (H 5-6, S 4-5.) 2-3 ft., 75c.

Except where otherwise specified, the stock offered here is hardy, acclimated Utah grown—two, three, and in some instances four years old, well branched with strong, vigorous roots and should not be considered in price competition with inferior grades.

For valuable information on shrubs refer to pages 84 and 85. Bring your landscape problems to us. Our experienced staff will solve them for you.



Buddleia

Acclimated, Ornamental SHRUBS

Cotoneaster

Acutifolia—Showy, stately shrub with lustrous green foliage, which flowers in June, followed by black berries. (H 6-7, S 5-6.) 18-24 in., **50c**; 2-3 ft., **75c**.

Cydonia

Japan Quince (Japonica)—A single shrub on the lawn is very attractive; brilliant crimson flowers, among the first in the spring. (H 4-5, S 5.) 18-24 in., **40c**; 2-3 ft., **50c**.

Deutzia

Popular shrubs; flower in June and through July and August.

Gracilis—A favorite dwarf bush, covered with spikes of pure white flowers. (H 2-3, S 3.) 18-24 in., **60c**.

Lemoinei—Flowers single white borne on upright branches. Semi-dwarf, suitable for borders and hedges. (H 3-4, S 2-3.) 2-3 ft., **50c**.

Magnifica—An improved form of *Crenata*. Large clusters creamy white in May. (H 6-8, S 4-5.) 2-3 ft., **50c**.

Exochorda

Pearl Bush—Vigorous grower; dazzling white flowers in numerous terminal racemes. A narrow upright shrub which prefers a moist, fertile soil. (H 6-8, S 4.) May. 2-3 ft., **60c**.

Euonymus

Alatus - Compacta (Dwarf Burning Bush)—In Autumn the oval, bright green leaves of this shrub turn to gorgeous tones of red and crimson, resembling a ball of fire. Fine form for formal effects as it may be trimmed to size desired. Attractive scarlet berries. (H 5-6, S 5.) 12-18 in., **50c**; 18-24 in., **75c**.

Americana (Atropurpurea) (Strawberry Tree)—American Burning Bush. Very showy. In Autumn, loaded with scarlet seed pods, orange-colored berries. (H 7-8, S 6-7.) 2-3 ft., **60c**; 3-4 ft., **85c**.



A group of Deutzia Magnifica

All prices on shrubs are f.o.b. Salt Lake. See page 66 for quantity price schedule. If wanted by mail add extra 3c each on 18-24 in. size; 5c each on 2-3 ft. size, and 8c each on 3-4 ft. size, for packing and postage.

Eleagnus

Umbrellata (Autumn Eleagnus)—Highly ornamental shrub with handsome gray-green foliage; flowers yellowish-white and very fragrant. (H 10, S 8-10.) 2-3 ft., **75c**.

Russian Olive—See page 75.

Forsythia (Golden Bell)

Fortunei—Strong, erect habit; bright golden-yellow flowers in early Spring. (H 7-8, S 6.) 18-24 in., **30c**; 2-3 ft., **45c**; 3-4 ft., **60c**.

Suspensa (Weeping Golden Bell)—Tall willowy growth, branches gracefully arching, covered with golden-yellow bells. (H 4-6, S 7.) 2-3 ft., **45c**; 3-4 ft., **60c**.



Fringe or "Smoke Tree"

Fringe Tree

Purple (Smoke Tree). Rhus Co-tinus—A conspicuous spreading shrub or small tree with large clusters of round leaves; overhung in mid-summer by mist-like clouds of tiny flowers. These billowing panicles are a light lavender; give the impression of smoke at a distance. (H 8-10, S 8.) 2-3 ft., **\$1.00**.

*Hydrangea

Aborescens Grandiflora (Hills of Snow or Snowball Hydrangea)—Snow-white blossoms of largest size; flowering from early June until late July. (H 3, S 3.) 2-3 ft., **65c**.

Paniculata Grandiflora—Blooms in July and August; pure white to pink, and finally to a beautiful rich coppery red. (H 5-6, S 5.) 2-3 ft., **65c**.

Oak Leaved (Hydrangea Quercifolia)—Light green leaves similar to an oak leaf. Pure white flowers in midsummer borne in huge panicles. Autumn leaves colorful. Thrives in partial shade with plenty of moisture. (H 3-4, S 3.) 2-3 ft., **85c**.



Honeysuckle Pulcherrima

*Hamamelis (Witch Hazel)

Virginia (Witch Hazel)—Bears blooms in late Fall and early Winter at a time when all other shrubs are dormant. The heart-shaped leaves give it a decorative appearance but the chief attraction is the bright, yellow flowers which seem to be so out of season. (H 10-12, S 9.) 18-24 in., **50c**; 2-3 ft., **75c**.

*Honeysuckle (Bush) (Lonicera)

Tartarian (Lonicera Tartarica)—Most popular of the bush varieties. Foliage dark glossy green, blooms in June. (H 8-10, S 6-8.) Pink, White, 18-24 in., **35c**; 2-3 ft., **50c**; 3-4 ft., **60c**; 4-5 ft., **75c**.

Fragrantissima, Winter Honeysuckle—Small, deliciously fragrant white flowers tinged with yellow in the early Spring before the leaves appear. Holds its green foliage until midwinter. (H 6, S 4-5.) 18-24 in., **35c**; 2-3 ft., **50c**.

Korolkowi Floribundi (Broad Blue-leaf Honeysuckle)—A novelty combination of blue leaves and lavender-pink flowers. (H 6-8, S 4-5.) 2-3 ft., **75c**.

Pulcherrima—A new bright red Tartarian. (H 9-10, S 6-8.) 2-3 ft., **60c**; 3-4 ft., **75c**.

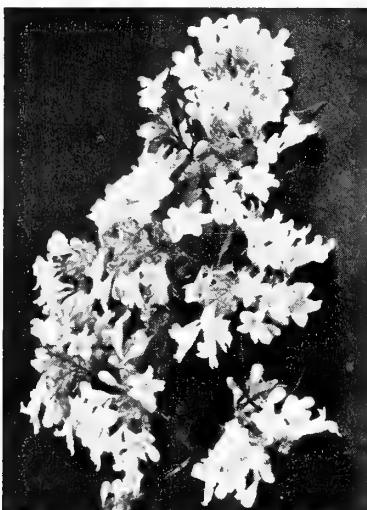
Morrowi—A handsome Japanese variety with white flowers during May, but especially valuable for its bright and red fruit during the summer and autumn months. (H 6-8, S 5-6.) 18-24 in., **35c**; 2-3 ft., **50c**; 3-4 ft., **75c**.

Spinosa Alberti—Dwarf growing type with bluish-green leaves and fragrant rose-pink flower in May and June. (H 2, S 2-3.) 18-24 in., **75c**.

Trifida—Very hardy dwarf bush honeysuckle, yellow flowers in May and June. (H 2, S 2-3.) 18-24 in., **60c**.

P. - W.'s Hardy Ornamental Shrubs

All prices on shrubs are f.o.b. Salt Lake. See page 66 for quantity price schedule. If wanted by mail add extra 3c each on 18-24 in. size; 5c each on 2-3 ft. size, and 8c each on 3-4 ft. size, for packing and postage.



Kolkwitzia Amabilis
(Beauty Bush)

Kerria

Japonica, Double—A graceful shrub for the front of a shrubbery border, or in a mixed planting around porches. Attractive golden-yellow double flowers are borne from June to October. (H 4-5, S 3.) 18-24 in., 50c; 2-3 ft., 75c.

Kolkwitzia Amabilis

Beauty Bush—Long arching branches—all the merits of a perfect shrub—combining hardiness, beauty of foliage, and amazing profusion of pale pink bell-shaped flowers in June. (H 6-8, S 6.) 18-24 in., 60c; 2-3 ft., 85c.

Lilac (Syringa)

Josikaea (Hungarian Lilac)—Grows to a height of 8-10 ft. We think this variety is superior to Villosa, which it replaces. Stout erect growth with dark shining leaves and purple flowers, produced late in June. 2-3 ft., 65c.

New Chinese (rothomagensis chinensis)—A distinct hybrid variety, with reddish flowers; panicles of great size and very abundant. Very desirable. 18-24 in., 50c; 2-3 ft., 75c.

Persian Lilac—Habit more open and branches more slender and drooping than Common Lilac. Flowers light purple. Grows 8 to 10 feet. 2-3 ft., 60c.

Vulgaris (Common—White or Purple)—8 to 15 feet. Large clusters of fragrant flowers in the Spring. 18-24 in., 30c; 2-3 ft., 45c.

French Lilacs

These Lilacs may be developed in either the shrub or tree form. Height, 10-15 ft., according to variety.

"D" following names indicate double petals; "S" single. Our plants are our own root.

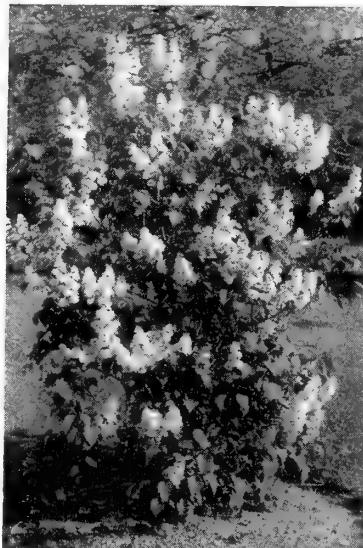
FRENCH LILACS (Continued)

Chas. Jolley (D)—Purple
Chas. X (S)—Reddish Purple
Hugo Koster (S)—Reddish Purple
Ludwig Späth (S)—Purplish Red
Marie LeGrave (S)—White
Mme. C. Perier (D)—Creamy White
M. Buchner (D)—Lavender
Pres. Grey (D)—Blue
Rubrade Marley (D)—Red
Wm. Robinson (D)—Pink

Price — Any of the above varieties: 2-3 ft., \$1.25; 18-24 in., \$1.00.

Leon Gambetta (Double) — Panicles of great size. Deep pink buds open into very double little rose-like florets of the daintiest pink and lavender. It is the finest of all Lilacs. 2-3 ft., \$2.00.

New Japanese Tree Lilac (Syringa Japonica)—See page 72.



Wm. Robinson Fr. Lilac

*Ligustrum (Privet)

Vulgaris (English)—Leaves small dark green. White flowers in June, followed by black, shiny berries. (H 10-12.) 18-24 in., 25c; 2-3 ft., 40c. (See page 66 for Hedge Shrubs.)

Ihota Regelianum (Regals Privet)— Makes a splendid low, dense hedge, also good in shrubbery planting. Glossy deep green foliage; height 5 to 6 feet at maturity. 18-24 in., 50c; 2-3 ft., 75c.

Lodense—Very dwarf and compact, not exceeding 2½ feet. Glossy deep green foliage, very attractive. Splendid low hedge or for low specimen plants. 12-15 in., 35c; (See page 66, Hedge Shrubs.)

ABOUT PRICE

In comparing prices with other sources, it should be borne in mind the shrubs we offer are well-developed 2, 3, 4 and sometimes 5 years of age, with root development accordingly, depending, of course, on variety.

Loespedeza

Formosa (Purplish Bush Cover)—An attractive autumn herbaceous shrub. Rosy purple flowers in September. (H 3-4, S 3.) 1 year, 50c.

Photina

Villosa—An upright shrub with slender spreading branches, flowers white, produced in large panicles in June to July; followed by bright scarlet fruit in October. Foliage dark glossy green; attractive. (H 8-10, S 8.) 3-4 ft., 85c.

Philadelphus (Mock Orange)

Bouquet Blanc—Blooms freely in May. Fragrant white flowers. (H 4-5, S 5.) 2-3 ft., 60c.

Coronarius (Garland Mock Orange)—This is a popular tall variety refined and beautiful; large white flowers. (H 6-8, S 4-6.) 18-24 in., 30c; 2-3 ft., 45c; 3-4 ft., 60c.

Lemoine—Good, compact habit. Flowers sweetly scented. (H 7-8, S 7-8.) 18-24 in., 30c; 2-3 ft., 45c.

Grandiflorus (Large-flowered Syringa)—Vigorous, upright grower. Slender branches with an abundance of pure white, fragrant flowers in June. (H 8-10, S 8.) 18-24 in., 30c; 2-3 ft., 45c; 3-4 ft., 60c.

Virginalis (Mock Orange)—One of the most beautiful new varieties. A vigorous, tall grower, with very large, double-crested flowers, with round petals. Pure white, sweetly scented, clusters of blossoms. (H 7-8, S 7.) 18-24 in., 50c; 2-3 ft., 65c.



Philadelphus Virginalis

P. - W.'s Hardy Ornamental Shrubs

All prices on shrubs are f.o.b. Salt Lake. See page 66 for quantity price schedule. If wanted by mail add extra 3c each 18-24 inch size; 5c each on 2-3 ft. size, and 8c each on 3-4 ft. size, for packing and postage.

Physocarpus (Ninebark)

Opulifolius (Ninebark) — Quick growing, tall shrub, useful for screens; white flowers followed by bright, red fruit in July. (H 8-10, S 6.) 2-3 ft., 45c; 3-4 ft., 60c.

Opulifolius Nana (Dwarf Ninebark) — Dwarf form dense growing, attractive white flowers in May-June, followed by red pods. (H 4-5, S 4.) 18-24 in., 45c.

Potentilla

Fruticosa — A most handsome low-growing shrub. Prefers moist situations but will grow even in very dry soils. It is covered throughout the summer with numerous bright yellow showy flowers. As a dwarf border shrub, it is a most valuable addition. (H 2-3 ft., S 3.) 15-18 in., 45c; 18-24 in., 60c.

Robinia

Hispida (Rose acacia) — This beautiful shrub is much appreciated because of the abundance of its large, pink, pea-like flowers. (H 4-5, S 5.) 18-24 in., 50c; 2-3 ft., 75c.

Rhamnus

Cathartica (Buckthorn) — A dense twiggy bush, 6 to 10 feet high, with dark foliage relieved by masses of midsummer white flowers. Makes a good, prunable hedge. 2-3 ft., 50c.

Rhodotypos

Kerrioides (White Kerria) — Bright green leaves, and pure white flowers in late Spring; later black berries that hang on all Winter. (H 4-5, S 3-4.) 18-24 in., 40c; 2-3 ft., 60c.

Rhus (Sumac)

Canadensis (Fragrant Sumac) — Sweet scented, dwarf growing, yellow flowers in short spikes along the branches, bright red fruits which appear later are clothed with short, silky hairs. Beautiful Autumn foliage. Good for rock gardens. (H 3-4, S 4.) 18-24 in., 50c; 2-3 ft., 75c.

Copallina (Shining Sumac) — Pretty, glossy foliage, very brilliant in the Fall, and winged-leaved stems give it distinct appearance. (H 4-6, S 5.) 2-3 ft., 50c; 3-4 ft., 75c.

Typhina (Staghorn Sumac) — One of the most brilliant plants in Autumn, when the green foliage turns to red, and the showy red fruit is borne high above surrounding shrubs. (H 10-12.) 2-3 ft., 45c; 3-4 ft., 60c; 4-5 ft., 75c; 6-8 ft., \$1.00.

Typhina Laciiniata (Shredded Sumac)

—The branches covered with velvety hairy-like growth resembling the developing Elk Horns. Flowers white. Deeply serrated leaves, deep crimson fruit; attractive for background. July. (H 10-12, S 6-8.) 2-3 ft., 50c; 3-4 ft., 65c; 4-5 ft., 75c.

Sambucus (Elder)

Acutiloba (Cut Leaf Elder) — Attractive finely cut green leaves and large cymes of white fragrant flowers in June to July, followed by clusters of berries. (H 8-10, S 8.) 2-3 ft., 45c; 3-4 ft., 60c.

Canadensis Aurea (Golden Elder) —

Bright yellow foliage, commonly used in massed planting to avoid monotony in the green effects. (H 6-8, S 5.) 2-3 ft., 45c; 3-4 ft., 60c.

Sorbaria (False Spirea)

Aitchisoni Upright, with many arching branches and fresh green leaves. Profuse bloom, June-July, in long feathery panicles, pure white. Does not blight. (H 4-5, S 5.) 2-3 ft., 50c each; 3-4 ft., 75c each.

Spireas

Arguta — Deep green foliage; of minute, purest white flowers. Early May. (H 3, S 3.)



Rhus Typhina



Spirea Van Houtte

Billiards Spirea (S. Billardi) — Upright grower, with pink flowers in spikes or plumes 5-6 inches long in midsummer. (H 6, S 6.)

Froebeli (Froebel Spirea) — Leaves are purple when young. Deep rosy blooms are borne in abundance in the middle of Summer and over a long period. (H 3-4, S 4.)

Douglasii (Douglas Spirea) — Deep pink spikes of flowers in July and August, a delightful contrast against the white downy leaves. (H 5-6, S 5.)

Korean (Trichocarpa) — Produces large, rounded clusters of snowy flowers marked with darker eyes in early June, beautiful glossy green foliage late into the Autumn. (H 4, S 4.)

Prunifolia (Double Bridal Wreath) — One of the best: a beautiful shrub medium size, double white flowers in May. (H 6, S 6.)

Thunbergii — Graceful and beautiful at all seasons. White flowers in May. (H 4, S 3.)

*Van Houtte (Bridal Wreath)

—The most satisfactory shrub in cultivation. It is round and graceful with long, thin, arching branches. Flowers in white clusters, so numerous that when in full bloom the bush resembles a snowdrift. (H 6-8, S 6.) May and June. 15-18 in., 20c; 18-24 in., 30c; 2-3 ft., 40c; 3-4 ft., 50c; 4-5 ft., 65c. Specimen clump, \$1.25.

Any of above Spireas, except where specially noted, price, 15-18 in., 25c; 18-24 in., 35c; 2-3 ft., 50c.

*Symphoricarpu

Chenaulti Glossy green foliage, very dense and compact. White flowers in Spring followed by red berries in Fall and Winter. (H 4-5, S 4.) 18-24 in., 35c; 2-3 ft., 50c.

Racemosus (Snowberry) (B) — A graceful shrub with slender branches. Flowers white. (H 4-5, S 4.) 18-24 in., 30c; 2-3 ft., 40c; 3-4 ft., 50c.

Vulgaris (Coralberry) (B) — A grand shrub, producing a wealth of red or purplish berries which remain on the branches all Winter. Leaves ovate bright green. (H 4, S 3-4.) 18-24 in., 30c; 2-3 ft., 40c; 3-4 ft., 50c.

Shrubs marked (*) can be grown in partial shade, but they will also thrive in full exposure to the sun. The height and spread indicated will vary considerably according to soil and climatic conditions.

Hardy Shrub Collection Offer No. 259

Consists of 1 each of the following shrubs—all size 18-24 in. field grown:

1 Buddleia Ile de France, 1 Cornus Golden Twig, 1 Honeysuckle Pink Tartarian, 1 Symphoricarpu Chenaulti, 1 Snowberry, 1 Spirea Douglasii, 1 Spirea Van Houtte.

(Regular Value \$2.76) 7 shrubs prepaid.....

\$2.00

Offer No. 260

Consists of the larger 2-3 ft. size of the above popular seven varieties. One each, 7 shrubs in all. (Regular Value \$3.70), prepaid

\$3.00

P.-W.'s Hardy Ornamental Shrubs

All prices on shrubs are f.o.b. Salt Lake City. See below for quantity price schedule. If wanted by mail add extra 3c each on 18-24 in. size; 5c each on 2-3 ft. size, and 8c each on 3-4 ft. size, for packing and postage.



Weigela Rosea

ish green foliage. (H 8-9, S 6.) 18-24 in., **30c**; 2-3 ft., **45c**; 3-4 ft., **60c**; 45 ft., **75c**.

Hispida (Kashgar Tamarix)—A distinct variety, with delicate, soft pink sprays of flowers in early Spring and again in July and August. (H 15, S 6.) 18-24 in., **30c**; 2-3 ft., **45c**; 3-4 ft., **60c**.

HARDY SHRUBS FOR HEDGES, FENCES, AND SCREENS

Hedge screens are very popular. They take the place of expensive fences and are far more beautiful. Many of the following list can be trimmed or pruned any desired shape.

Privet and similar upright varieties should be planted 6 to 12 inches apart; Barberry and other medium bush shrubs, 1 to 2 ft. apart; tall shrubs for high hedges, 2 to 4 ft. apart. Ask for our free "How to Plant" booklet.

Barberry, Japanese, Green—12-15 in., 10 for **\$1.35**; 25 for **\$3.00**; 100, **\$11.00**.

Barberry, Red Leaved—12-15 in., 10 for **\$2.25**; 25 for **\$4.50**; 100, **\$16.50**.

Honeysuckle, Tartarian—Red, White, or Pink—18-24 in., 10 for **\$1.75**; 25 for **\$4.00**; 100, **\$15.00**.

Privet (English)—Very hardy; can be trimmed to any form or height. 12-18 in., 10 for **\$1.00**; 25 for **\$2.00**; 100, **\$7.00**. 18-24 in., 10 for **\$1.50**; 25 for **\$2.75**; 100, **\$9.50**. 2-3 ft., 10 for **\$2.50**; 25 for **\$3.50**; 100, **\$12.00**.

Privet, Lodense—Hardy; almost evergreen. For low, formal edgings. 9-12 in., 10 for **\$1.75**; 25 for **\$4.00**; 100, **\$15.00**.

Spirea Van Houtte (Bridal Wreath)—Beautiful for border screens. 18-24 in., 10 for **\$1.50**; 25 for **\$3.25**; 100, **\$12.00**.

Symporicarpus Chenaulti—Low informal border screen. 18-24 in., 10 for **\$2.50**; 25 for **\$5.50**; 100, **\$20.00**.

Truehedge Columberraria—Tailor-made for hedging; requires little trimming. (See page 62.) 9-12 in., 10 for **\$2.00**; 25 for **\$4.00**; 100, **\$14.00**.

Weigelas

Eva Rathke—Blooms continuously throughout the summer and autumn; flowers are a rich ruby-carmine. (H 4-5, S 5.)

Rosea—A beautiful shrub with rose-colored flowers. (H 5-6, S 5.)

Any of above: 18-24 in., **45c**; 2-3 ft., **60c**.

Tamarix

Gallica (French Tamarix)—Light blue flowers in May. Bluish green foliage. (H 8-9, S 6.) 18-24 in., **30c**; 2-3 ft., **45c**; 3-4 ft., **60c**.

Vitex

Macrophylla—A most graceful, shapely, attractive plant, with nicely divided foliage with aromatic odor. Pretty lavender-blue flowers, arranged in whorls on long, graceful terminal spikes or racemes, begin blooming in July, continuing until frost. A desirable shrub for any position. (H 3-4, S 3-4.) 18-24 in., **50c**; 2-3 ft., **75c**.

Viburnum

Carlesii—Delicate rose-tinted white, sweet-scented flowers produced in terminal sub-globose cymes 2 to 3 inches in diameter. Good, bushy specimens. (H 4, S 3.) B. & B. 18-24 in., **\$1.75**.

***Dentatum (Arrow-wood)**—Green leaves turn to purple and red tones in Autumn. Creamy white flowers, followed by blue-black berries. (H 6-8, S 6.)

Nannyberry (V. Lentago)—Wrinkled Lantana-like leaves; white flowers in May, followed by fruit. Bluish crimson to black. (H 12-15, S 10-12.)

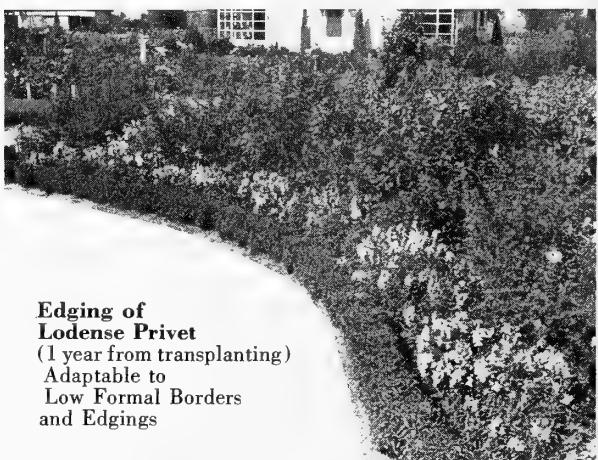
***Opulos (European Cranberry)**—White flowers in June followed by bright scarlet berries, attractive. (H 10-12, S 10.)

Opulos Sterilis (Common Snowball)—Ball-like, pure white flowers. (H 8-10, S 10.)

Tomentosum—In May and June flowers are borne in clusters along stalk, more or less flat-topped, 3 to 4 inches wide; followed by red fruit, ultimately turning bluish black. (H 6-8, S 8.)

Any of above, except where noted, 18-24 in., **50c**; 2-3 ft., **75c**; 3-4 ft., **\$1.00**.

Any of above, except where noted, 18-24 in., **50c**; 2-3 ft., **75c**; 3-4 ft., **\$1.00**.



**Edging of
Lodense Privet**
(1 year from transplanting)
Adaptable to
Low Formal Borders
and Edgings

Quantity Price Schedule for Trees, Shrubs, Etc.

Where each price only is printed in this Catalog the table below determines the 10 and 100 rates on the respective items of trees and shrubs. Unless otherwise specified the prices are f.o.b. Salt Lake City.

| Where each Price is | Per Ten Rate is | Per 100 Rate is | Where each Price is | Per Ten Rate is | Per 100 Rate is | Where each Price is | Per Ten Rate is | Per 100 Rate is |
|---------------------------|--------------------|--------------------|---------------------------|--------------------|--------------------|---------------------------|--------------------|--------------------|
| \$.25 | \$ 2.25 | \$ 20.00 | \$.70 | \$ 6.25 | \$ 56.00 | \$ 1.50 | \$ 13.50 | \$ 120.00 |
| .30 | 2.70 | 24.00 | .75 | 6.75 | 60.00 | 1.75 | 15.00 | 140.00 |
| .35 | 3.25 | 28.00 | .80 | 7.50 | 64.00 | 2.00 | 18.00 | 160.00 |
| .40 | 3.60 | 32.00 | .85 | 8.00 | 67.50 | 2.25 | 20.00 | 180.00 |
| .45 | 4.00 | 36.00 | .90 | 8.50 | 72.00 | 2.50 | 22.50 | 200.00 |
| .50 | 4.50 | 40.00 | .95 | 9.00 | 76.00 | 2.75 | 24.75 | 220.00 |
| .55 | 5.00 | 44.00 | 1.00 | 9.50 | 80.00 | 3.00 | 27.00 | 240.00 |
| .60 | 5.50 | 48.00 | 1.25 | 11.25 | 100.00 | 3.25 | 29.25 | 260.00 |
| .65 | 5.75 | 52.00 | | | | | | |

Five or more of one variety at the 10 rate, 25 or more at the 100 rate.

These
Bargain
ROSES
shown
on this
page

are not as
large as our
No. 1 2-year
old stock of-
fered on
pages 54-61
but they are
guaranteed
to bloom this
season.

Choose the
colors you
prefer. You
may make
your own se-
lection of
roses listed
here.

Any 3
90c

Any Dozen
\$3.00
Postpaid

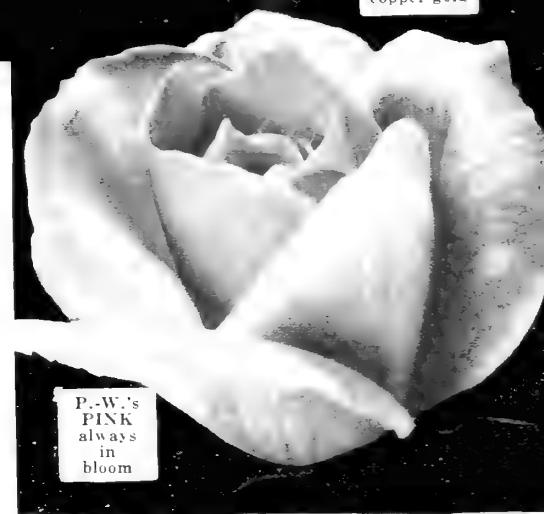


P.-W.'s "Quint" Rose Offer No. 265

Thrift Collection of 5 Popular Everbloomers

While they are not the No. 1 top size shrubs we offer elsewhere, yet they are healthy, hardy, vigorous, field-grown stock, and are a marvelous value at the extremely low price listed here. Just think, one each of the 5 Roses illustrated on this age (5 in all) prepaid to your Postoffice for only

\$125



P.-W.'s Bargain Rose Offer No. 266

\$10⁰⁰

THINK OF IT! 50 EVERBLOOMING ROSES. This offer consists of 10 each of the above five varieties. All prepaid for.....



New Double
Flowering Plum
BLIRIANA
double pink flowers

P.-W.'s

Flowering Shrub Offer No. 270

Consisting of—

- 1 Bliriana Plum, 4-5 ft.
- 1 Althea, Double Red, 2-3 ft.
- 1 Tamarix Hispida, 3-4 ft.
- 1 Spirea Froebeli, 2-3 ft.
- 1 Lilac, Hugo Koster, 2-3 ft.
- 1 New Chinese Lilac, 2-3 ft.
- 1 Forsythia Fortunei, 3-4 ft.

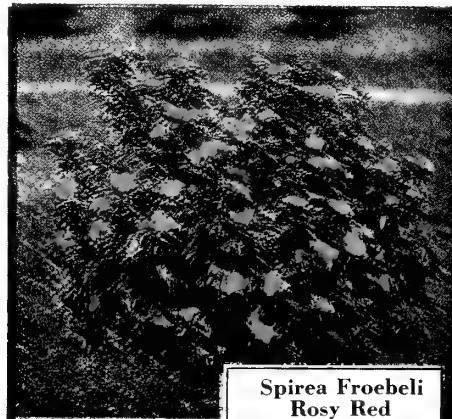
7 Shrubs in all (Regular prepaid value, \$5.76), all **\$4.00**
prepaid
for

Shrub Offer No. 269

Consists of—

- 2 Forsythia Fortunei, 18-24 in.
- 2 Spirea Froebeli, 18-24 in.
- 2 New Chinese Lilac, 18-24 in.
- 2 Tamarix Hispida, 18-24 in.

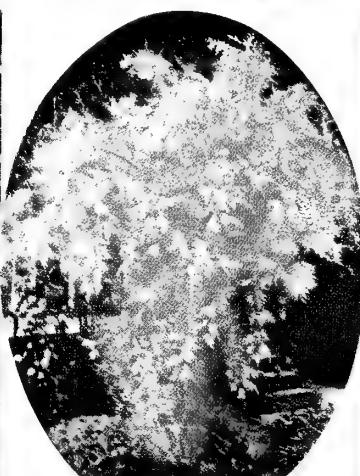
8 Shrubs in all (Reg. Value, \$3.30). All prepaid **\$2.50**
for



Spirea Froebeli
Rosy Red



Althea Double Red
— Grand Rose-like
flowers in late Sum-
mer. 2-3 ft. **50c** each.



Tamarix Hispida —
A mist of pink, both
early Spring and late
Summer. 2-3 ft. **45c**
each.



French Lilac—Hugo
Koster — a glorious
picture in May. 18-24
in. **\$1.00** each.



P.-W.'s Special Offer No. 271

Consists of the following—

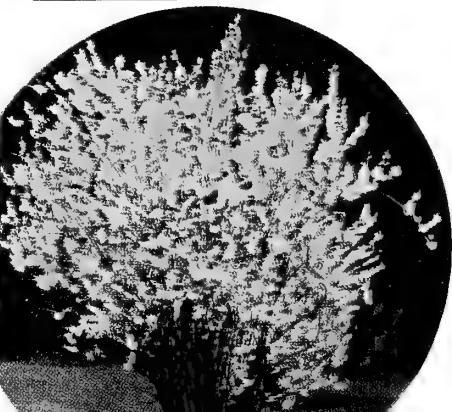
- 1 Double Red Althea, 2-3 ft.
- 1 Hispida Tamarix, 2-3 ft.
- 1 Hugo Koster Lilac, 2-3 ft.
- 1 Fortunei Forsythia, 2-3 ft.
- 1 New Chinese Lilac, 2-3 ft.
- 1 Spirea Froebeli, 18-24 in.

6 in all. (Reg. value, including delivery chgs., \$4.45), postpaid

\$3.00

Forsythia Fortunei
2-3 ft., **45c** each

New Chinese Lilac
2-3 ft. size
75c each



HARDY ORNAMENTAL VINES and CREEPERS

Your home, outbuildings, fences and trunks of old trees can be made very attractive by the use of hardy vines. Such permanent improvements add greatly to the value of your property, and the value increases from year to year. We furnish strong two-year-old field plants at prices given below. All are postpaid except where otherwise noted.

Akebia

Quintata—A perfectly hardy, fast growing vine, with magnificent foliage never attacked by insects; producing chocolate-purple flowers in large clusters, delightfully fragrant. Each, **75c.**

Ampelopsis

Ampelopsis Engelmanni (New Virginia Creeper)—Equipped with tendrils, by which it will climb walls of stone or brick, similarly to Boston Ivy. Each, **35c.**

Boston or Japan Ivy (Ampelopsis Veitchii)—One of the finest climbers for covering walls, as it clings firmly to the smoothest surface, covering it evenly with overlapping leaves, which form a perfect mass of foliage. The color is fresh deep green in summer, changing to bright shades of crimson and yellow in autumn. Each, **50c** postpaid. Established in cans, **75c.** Shipping weight, 10 lbs. If by mail add extra at zone rates for postage.

Bignonia Radicans

Scarlet Trumpet Vine — For covering unsightly places, stumps, rockwork or planting in crevices in ledges, the Bignonias will be found very useful. The flowers are large, attractive and showy, and borne profusely when the plant attains a fair size. Each, **50c.**

Mad. Galen—An improved deep orange-colored flowers. 2 year grafts, **\$1.25.**

Celastrus Scandens

Bittersweet or Waxwork—Succeeds in almost any situation, sun or shade; light green foliage and yellow flowers during June, followed by bright orange fruit. Each, **50c.**

Clematis

Many failures are the result of too shallow planting. The crown of the roots should be set at least 3 inches below the surface of the soil.

Paniculata (Japanese Virgin's Bower) — Strong, rapid growth, with small, dense, cheerful green foliage. Blooming in profusion during August, and continues until late Fall. Flowers are white and deliciously fragrant. Each, **50c.**

Jackmanii—The best known and most valued variety of this popular family. A perfect mass of bloom when in full flower. Color, dark, rich, royal purple. 1 year No. 1 (from pots), **75c** each. Postage extra **15c.** if by mail.

Mad. Ed. Andre—Large flowering type; crimson-red flowers. 1 year No. 1 (from pots), **75c** each. Postage extra **15c.** if by mail.



Clematis Jackmanii

Silver Lace Vine (*Polygonum Auberti*)

One of the most desirable flowering climbers. The plant is of strong, vigorous growth, attaining the height of 25 feet or more, and producing through the summer and fall great foamy sprays of white flowers. Strong plants. Each, **50c.** (See cut.)

If in doubt about what to select for a difficult situation where quick growth is desired—choose a Silver Lace Vine.



Boston Ivy (rear)—*Climbing Rose* (front)

Offer No. 273

Includes: All prepaid for
1 BOSTON IVY, 1 CLEMATIS WHITE
1 SILVER LACE VINE
1 EVERBLOOMING HONEYSUCKLE
(Regular Value \$2.10)

\$1 75

Euonymus

Radicans vegeta (Evergreen Bittersweet) —A strong-growing variety with larger leaves than other types, producing bright orange-red berries which remain on the plant the greater part of the winter. As a hardy evergreen plant for wall covering, this variety is unequalled. 2 year, **75c.**

Hedera (Helix)

English Ivy—The well-known variety with small leaves which has proved perfectly hardy. Largely used for covering walls, loose racks, fences, or trellises. Each, **50c.** Extra large plants, **75c** each. Postage extra **15c.**

Honeysuckle

Halliana (Hall's Japan Honeysuckle)—A strong, vigorous, almost evergreen sort; white flowers changing to yellow; very fragrant; flowering from July to Dec.; holds its leaves nearly all Winter. Each, **40c.**

Scarlet Trumpet—It is a strong, rapid grower and produces scarlet, inodorous flowers. Each, **40c.**

New Everblooming (*Lonicera Heckrottii*)—Remarkable for large size and distinct appearance of its flowers, crimson-carmine without and golden apricot inside. Very beautiful and fragrant, in bloom from the middle of June until the coming of frost. Each, **60c.**



Silver Lace Vine

Wisteria

Sinensis (Purple) — A most beautiful climber of rapid growth. When well established it makes a growth of 15 to 20 feet in a season. Flowers violet-blue. Each, **75c.**

Sinensis (White) — A white-flowering form of the above. Each, **75c.**

Multijuga Floreplena—Long racemes of double purple flowers; very beautiful. Each, **85c.**

Weeping Wisteria—Tree form purple Sinensis on 4-ft. standards. Ea., **\$6.00.**
See page 66 for quantity price schedule.

P.-W.'s BROAD-LEAVED EVERGREENS

All Evergreens are quoted f.o.b. Salt Lake City. See page 66 for quantity price schedule. We advise Freight or Express. Most sizes are too large and heavy for Parcel Post shipment.

Berberis (Barberry)

Mentor Barberry

(Berberis Mentorensis)—U. S. Pat. No. 99. New hardy evergreen barberry that is most interesting and outstanding. It is extremely hardy, having been exposed to temperatures of 30° below zero without a loss, and will grow in all kinds of soil and under all conditions. Ideal shrub for low hedges or foundation plantings. (See cut.) 15-18 in., **60¢** each; 3 for **\$1.50**; 12 for **\$4.50**; **\$35.00** per 100.

Specus—Very similar in habit to *Wilsonae*. It grows to a height of 4-5 ft., gray-green foliage turning to a bril-

liant reddish bronze in the Fall. Flowers borne in dense yellow clusters followed by orange-red berries in the Fall. Very hardy and vigorous growth. 18-24 in., **\$2.00**; 24-30 in., **\$2.50**; 30-36 in., **\$3.00**.

Triacanthophora—Of low spreading habit with dark bluish-green foliage and golden flowers; berries are purplish-blue. 12-15 in., **\$1.25**.

Wilsonae (Wilson Barberry) — 4 ft. Gray-green foliage turning a brilliant reddish bronze in Fall. Flowers golden-yellow in dense clusters; salmon-red berries in the Fall. 18-24 in., **\$2.00**.

Cotoneaster (Semi-Evergreen)

Prostrata Horizontalis — Low, flat spreading, bright glossy green, very attractive. Covered in April with masses of tiny pink flowers and in the Fall with minute brilliant scarlet berries and foliage. 12-15 in., **\$1.50**; 15-18 in., **\$1.75**; 18-24 in., **\$2.25**.

Boxwood

Sempervirens—For a low, permanent hedge, nothing could be better because the growth is slow and therefore little pruning is required. 18-24 in., **\$3.50**. Sheared specimens, 24-36 in., **\$5.00**.

Euonymus

Japanese Green and Golden Varieties—These are upright shrubs of moderate size, rather compact growth. Foliage is green, or green with yellow center, depending on variety ordered. Bush form either type. 15-18 in., **\$1.00**; 2-3 ft., **\$2.50**.

Mahonia

Aquifolia (Oregon Grape or Holly-leaved Ashberry)—Beautiful evergreen shrub with smooth, shining holly leaves; bright yellow flower clusters in May and blue berries. The leaf color varies capriciously throughout the year, assuming all shades of green, with flecks of red and bronze. 18-24 in., **\$2.00**; 24-30 in., **\$2.50**; 30-36 in., **\$3.00**.

Ilicifolia—This attractive shrub grows from 6 to 8 ft. at maturity. The foliage is dark green, leaves rather large, coarsely spiny-toothed. Flowers orange-yellow. 2-3 ft., **\$3.00**.

Pyracantha

Fire Thorn (Burning Bush) (P. coccinea Lalandii)—Deservedly popular on account of its clean, upright growth, bearing to great profusion of small flowers in flat corymbs, followed by a mass of orange-red berries in early Fall which remain on the plant until spring; firm green foliage. Attains height of 10 ft., but can be trimmed to any lower height desired. 15-18 in., **\$1.25**; 18-24 in., **\$1.95**; 24-30 in., **\$2.50**; 30-36 in., **\$2.90**; 36-40 in., **\$3.90**. (See Back Cover.)

liant reddish bronze in the Fall. Flowers borne in dense yellow clusters followed by orange-red berries in the Fall. Very hardy and vigorous growth. 18-24 in., **\$2.00**; 24-30 in., **\$2.50**; 30-36 in., **\$3.00**.

Triacanthophora—Of low spreading habit with dark bluish-green foliage and golden flowers; berries are purplish-blue. 12-15 in., **\$1.25**.

Wilsonae (Wilson Barberry) — 4 ft. Gray-green foliage turning a brilliant reddish bronze in Fall. Flowers golden-yellow in dense clusters; salmon-red berries in the Fall. 18-24 in., **\$2.00**.

Cotoneaster (Semi-Evergreen)

Divaricata — White. June. Semi-evergreen, quite erect. Leaves are dark green and usually adhere late in the season. Showy bright red fruit borne on the slender, erect branches all along the stems. B & B 2-3 ft., **\$1.50**; Bare Root, 2-3 ft., **\$1.00**.

Magnolia

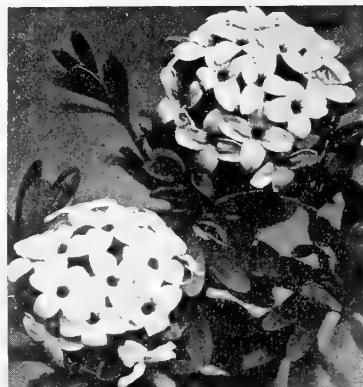
Stellata (Star Magnolia) — Spreading shrubby habit. Fragrant semi-double white flowers appearing long before the leaves. Grows to height of about 8 ft., B & B 2-3 ft., **\$5.00** each.

Daphne

(Garland Flower)

Cneorum—An evergreen, hardy plant, with closely set, glossy, narrow leaves. Blooms in May in round clusters of bright pink fragrant blossoms. Borne in great profusion. 12-15 in., **\$3.00**.

Those who are unacquainted with nursery materials are invited to visit our Centerville nurseries during the growing season. A more intelligent selection can then be made. Visitors are always welcome.



Daphne Cneorum

Mentor Barberry (U. S. Pat. No. 99)



Pyracantha Lalandi (Fire Thorn)

P-W's Hardy Evergreens

Juniper (Juniperus)

Chinese Pyramidalis Blue (Column Juniper)—Very hardy and retain desirable blue color effect during the winter; growth resembles the well-known Italian Cyprus. 18-24 in., \$3.50; 30-36 in., \$4.25; 34 ft., \$5.50; 4-5 ft., \$8.00; 5-6 ft., \$10.00; 6-7 ft., \$12.50.

Communis Depressa (Prostrate Juniper)—The well-known, many-stemmed Dwarf Juniper. Rarely exceeds 2 feet in height; good for ground cover. 18-24 in., \$3.00.

Hibernica (Irish)—Very narrow pyramidal form, useful for its spiral-like effect. 15-18 in., \$2.00; 18-24 in., \$3.75; 24-30 in., \$4.50.

Horizontalis Depressa Plumosa—Very low-creeping, forming a mat of green with slight bluish tint. 15-18 in. spread, \$2.50; 18-24 in., \$3.50.

Pfitzer Juniper (J. Chinensis Pfitzeriana)—Handsome semi-dwarf creeping junipers. 12-15 in., \$2.00; 15-18 in., \$2.90; 18-24 in. spread, \$3.50; 24-30 in., \$4.50; 30-36 in., \$5.50; 3-4 ft., \$7.00.

Sargentii (Sargent Juniper)—Forms a low, dense mat of spreading branches covered with small green scale-like leaves, mixed with pointed ones. 18-24 in., \$3.75;

Sabina (Savin Juniper)—A semi-erect, bushy plant; useful for grouping and foundation planting. Foliage an even shade of medium green. 15-18 in., \$3.00; 18-24 in., \$4.00.

Sabina Tamariscifolia—Produces a dense, compact mat of gray-green foliage spreading 6-7 ft. and never

more than 18 inches high. 15-18 in., \$3.50; 18-24 in., \$4.25.

Scopulorum (Colorado Juniper)—Narrow, compact, and symmetrical. One single stem, in contrast to some varieties of Junipers with several; safe from heavy snows and wind; remains a good healthy color throughout the year. It is a tree that thrives in dry weather. 18-24 in., \$3.50; 30-36 in., \$5.00; 34 ft., \$6.00; 4-4½ ft., \$7.00; 4½-5 ft., \$8.00; 5-5½ ft., \$9.00; 5½-6 ft., \$10.00; 6-6½ ft., \$11.00; 6½-7 ft., \$12.00; 8-9 ft., \$15.00.

Squamata Meyeri (Meyer Juniper)—Most unusual in color and habit. Plump, pointed and prickly foliage. A distinct blue color. Prostrate. Irregular growth. 18-24 ft., \$4.75.

Virginiana Glauca (Silver Red Cedar)—An upright tree of compact growth, columnar form and blue cypress-like foliage. 15-18 in., \$2.25; 3-4 ft., \$6.00; 4-5 ft., \$8.00; 5-6 ft., \$10.00.

Virginiana Cannartii (Cannart Red Cedar)—Deep rich green heavily tufted foliage; middle size reaching 12 to 15 feet. It can be easily trimmed and thus maintained at any size wanted. 15-18 in., \$3.00; 18-24 in., \$4.50; 24-30 in., \$6.00; 4-5 ft., \$9.50.

Virginiana Keteleeri—Hardy evergreen of pyramidal, formal outline; deep green scale-like leaves. Compact habit. Very hardy. 3-4 ft., \$6.00; 5-6 ft., \$10.00; 6-7 ft., \$12.00.

Spruce (Picea)

Black Hills Spruce—Very compact and symmetrical in all stages of growth. Extremely hardy, color of foliage

bright green to bluish tints. 2½-3 ft., \$5.50; 3½-4 ft., \$6.50; 3½-4 ft., \$8.00; 4-5 ft., \$10.00; 5-6 ft., \$12.00.

Koster's Blue—The aristocrat of the evergreen family, by far the shapeliest spruce, and the truest, most persistent blue in color of any known tree. Formerly imported from Europe, but now again in American propagation. 12-15 in., \$5.00; 18-24 in., \$6.50; 2½-3 ft., \$9.00; 3-3½ ft., \$14.00; 4-5 ft., \$18.00; 5-6 ft., \$22.00.

Blue Spruce (Picea Pungen Glauca)—It is the rare blue of any evergreen; fine compact habit. (Utah State Tree) 12-15 in., \$2.50; 1½-2 ft., \$5.00; 2-2½ ft., \$6.50; 2½-3 ft., \$7.50; 3½-4 ft., \$10.00; 4-5 ft., \$12.00; 5-6 ft., \$15.00.

Colorado Spruce (Picea Pungens)—Similar to above except foliage is light green. 1½-2 ft., \$3.00; 2-2½ ft., \$5.00; 2½-3 ft., \$6.00; 3-4 ft., \$7.00.

Norway—Effective in groups or for hedges and wind breaks. Foliage is rich, dark green and this variety is most commonly used for Christmas trees. 1½-2 ft., \$3.00 each; 2½-3 ft., \$4.00 each.

All Evergreens are quoted f.o.b., Salt Lake City. See page 66 for quantity price schedule. We advise Freight or Express. Most sizes are too large and heavy for Parcel-Post shipment.



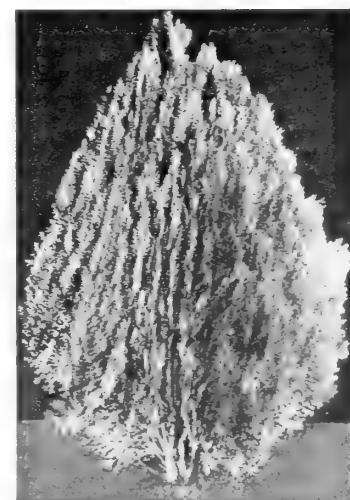
Koster Blue Spruce



Sabina Tamariscifolia



1—Virginiana 2—Pfitzer
3—Oriental Thuya



Thuja Berkman's Golden



"Utah State Tree"
Blue Spruce (Picea Pungen)

Evergreens (Continued)

Pine (Pinus)

Austrian Pine—The leaves are two in a sheath, straight and slender, from 4 to 5 inches long, of a deep, rich green color. Coal, gas and smoky atmosphere have no effect on its growth. 18-24 in., \$3.50; 3-4 ft., \$6.00 each.

Mugho (Dwarf Pine)—Leaves short, and formal, thickly distributed in tufts over the branches; globular form. 10-12 in., \$1.75; 12-15 in., \$2.25; 15-18 in., \$3.25; 18-24 in., \$4.25; 24-30 in., \$5.00.

Thuya (Arborvitae)

Thuya Beverleyensis (Golden Tinged Column Arborvitae)—15 to 20 ft. The tallest and stateliest of Arborvitae, growing into a narrow pyramidal column of golden green foliage. 18-24 in., \$2.75; 24-30 in., \$3.50; 30-36 in., \$4.00; 3-4 ft., \$4.50; 4-5 ft., \$5.75; 5-6 ft., \$6.75.

dwarf, golden tipped, oval shape. Always shapely and beautiful. 10-12 in., \$1.50; 12-15 in., \$1.75; 15-18 in., \$2.25; 18-24 in., \$3.00; 24-30 in., \$3.75; 30-36 in., \$4.50; 36-40 in., \$5.00.

Thuya Globosa (Globe Arborvitae)—Forms a dense low globe; handsome shade of green. 18-24 in., \$3.75.

Thuya Orientalis Pyramidalis (Chinese Arborvitae)—Comparatively low, broadly pyramidal tree. Color yellowish-green. 18-24 in., \$3.00; 24-30 in., \$3.50; 30-36 in., \$4.50; 3-4 ft., \$5.50; 4-5 ft., \$6.50; 5-6 ft., \$8.00.

Thuya Meldensis—Pyramidal in shape, of dense growth; foliage a deep shade of green. Dwarf habit, 15-18 in., \$2.25; 18-24 in., \$3.00; 24-30 in., \$3.75; 30-36 in., \$4.50.

Thuya Pyramidalis Occidentalis (Pyramidal Arborvitae)—Compact, erect. Foliage a deep green, retaining color. 18-24 in., \$3.00; 24-30 in., \$3.50; 30-36 in., \$4.50; 3-4 ft., \$6.00; 4-5 ft., \$7.75; 6-7 ft., \$9.50; 6-7 ft., \$11.00.

Thuya Orientalis Aurea Nana (Berckman's Dwarf Evergolden Arborvitae)—The most wanted Arborvitae. Very

Thuya Beverleyensis

Taxus (Yew)

Cuspidata Brevifolia (Dwarf Japanese Yew)—Short richly dark green leaves. Very dense bushy habit, close set, slow growing and hardy. 15-18 in., \$4.75 each.

Cuspidata Capitata (Upright Japanese Yew)—Upright yew of moderate bushy growth, spreading branches densely clothed with short leaves of dull green. 18-24 in., \$4.75 each.

Ornamental Trees

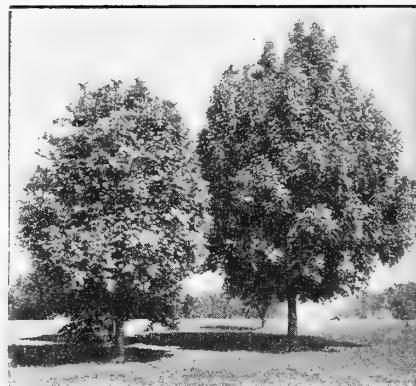
Ailanthus (Tree of Heaven)

Grandulosa—A rapid growing, lofty tree, long, elegant foliage. Exempt from disease and insects. 6-8 ft., \$1.50 each; 8-10 ft., \$1.75 each; 10-12 ft., \$2.25.

Ash (Fraxinus)

American White—A rapid growing native tree of fine symmetrical outline. Price—5-6 ft., 75c each; 6-8 ft., \$1.25 each; 8-10 ft., \$1.75 each.

Green Ash—Shapely round top with dark green foliage. Price—3-4 ft., 75c each; 5-6 ft., \$1.00 each; 6-8 ft., \$1.50 each; 8-10 ft., \$1.75 each.



*At left—European Mountain Ash
At right—Green Ash*

European Mountain Ash—Flowers white, in flat clusters, four to five inches broad, followed by rather large, red berries. Very handsome at any season. 6-8 ft., \$2.50 each; 8-10 ft., \$3.00 each.

Birch (Betula)

Cut Leaved Weeping Birch—The main trunk has snow-white bark and grows straight as an arrow. Branches spread but slightly, while the fine slender shoots hang vertically. The foliage is fine and deeply cut. Very beautiful. 5-6 ft., \$2.50; 6-8 ft., \$2.75; 8-10 ft., \$3.00.

European White Birch (Betula Alba)—Tall, upright, distinctive white bark. 6-8 ft., \$1.50; 8-10 ft., \$1.75; 10-12 ft., \$2.25.

Box Elder

Ash-Leaved Maple—A fine, rapid-growing avenue tree, withstands both cold and drouth; thrives where others fail. 4-6 ft., 50c; 6-8 ft., 75c; 8-10 ft., \$1.00.

Catalpa

Bungel (Umbrella Tree)—Beautiful globe-shaped tops being grafted high on clean, straight stems. One year head, \$2.00; 2-year-old heads, \$2.50; 3-year-old heads, \$3.00.

Speciosa (Western Catalpa)—Rapid grower, producing large panicles of fragrant flowers, delicately marked with violet and yellow. 4-6 ft., 75c; 6-8 ft., \$1.25; 8-10 ft., \$1.75; 10-12 ft., \$2.50 each.



Famous Flowering Cherries, Washington, D. C.

All prices quoted on trees are f.o.b. Salt Lake City. See page 66 for quantity price schedule. Small sizes under four feet can be sent parcel post where desired. Add 15c each extra for packing and postage.

P-W's Ornamental Trees



Floribundi Crab

Floribunda (Japanese Flowering Crab)—Literally covered with single rose colored flowers in early spring. (See cut.) 3-4 ft., **\$1.50**.

Hoppi (Hopa Red Flowering Crab)—Grows to a height of 12-15 ft. Produces bright rose-red double flowers in profusion. Fruit is red inside and out. Very hardy variety and extremely attractive. 4-6 ft., **\$1.75**.

Niedzwetzkyana (Redvein C.)—Large deep pink flowers; red bark, leaves and fruit. 2-3 ft., **75c**; 3-4 ft., **\$1.00**.

Parkmani—Attractive double rose red. 4-6 ft., **\$2.00**.

Scheideckeri—Large deep pink flowers; yellow fruit. 2-3 ft., **75c**; 3-4 ft., **\$1.00**.



Chinese or Siberian Elm

Cercis (Redbud)

Canadensis—Striking ornamental trees loaded with a mass of pea-shaped pink blossoms in early Spring, before the leaves appear. 5-6 ft., **\$1.25**.

Flowering Cherries

Double Cherry (Prunus Florenpleno)—A charming small tree with branches completely covered with a mass of large double flowers in May. Either **pink** or **white**. 3-4 ft., **\$1.25**; 4-6 ft., **\$1.75**.

Japanese Weeping Cherry—Famous flowering cherries of Japan. Beautiful specimens, blooming in profuse panicles. 5 ft., Standards, **\$3.25** each.

Golden Chain

Laburnum Vulgare—Small, quick-growing tree with soft, deep green clover-shaped leaves retaining their color until late in Fall. Flowers fragrant, bright yellow, in long, drooping racemes. 5-6 ft., **\$1.75**.

Special Bargain Chinese Elms

Good, vigorous Nursery Run Stock, excellent for planting Groves, Wood Lots, Farm and Ranch Fence Lines.
 3-4 ft. size, 25 for \$5.00; 50 for \$9.00; 100 for \$17.50
 4-5 ft. size, 25 for \$6.00; 50 for \$11.00; 100 for \$20.00
 5-6 ft. size, 25 for \$7.50; 50 for \$13.00; 100 for \$25.00

All packed f.o.b. Salt Lake City

Flowering Crabs

Atrosanguinea (Carmine C.)—Brilliant carmine red, single. 2-3 ft., **75c**; 3-4 ft., **\$1.00**; 4-6 ft., **\$1.75**.

Bechtels Double Flowering—Hardy of medium size, covered in early spring with large, beautiful double, fragrant flowers, resembling small roses of a delicate pink. Ideal for a small yard. 2-3 ft., **\$1.00**; 3-4 ft., **\$1.50**; 4-6 ft., **\$2.00** each.

Eleyi Purpurea—Grows 9-10 ft. Produces richly colored blood-red flowers and purplish bronze foliage. One of the most brilliant of all. 4-6 ft., **\$1.75**.



Cut-Leaved Weeping Birch

Prices on trees are Not Prepaid. Small sizes under four feet can be mailed if desired. Add 15c each extra for postage. See page 66 for quantity schedules.

Elm (Ulmus)

American Elm (Ulmus Americana)—Tall and stately with a graceful, wide-spreading form. 4-6 ft., **75c** each; 6-8 ft., **\$1.25** each; 8-10 ft., **\$1.75** each; 10-12 ft., **\$2.25** each.

Chinese or Siberian Elm—A clean, fast grower. Thoroughly hardy and vigorous under most trying soil and climatic conditions. Its resistance to drought, alkali and extreme temperature makes it very valuable for the West. Selected stock. 3-4 ft., **35c** each; 4-6 ft., **50c**; 6-8 ft., **\$1.00**; 8-10 ft., **\$1.25**; 10-12 ft., **\$1.75**; 12-14 ft., **\$2.00**.

Camperdown Elm—Always top grafted. Limbs grow outward and

downward, giving the tree a remarkable picturesque aspect. 2-year heads, **\$4.00** each.

English Elm—A native of Europe; a noble rapid-growing tree, forming a dense head; a desirable tree for streets, avenues, etc., 6-8 ft., **\$2.50** each; 8-10 ft., **\$3.00** each.

Moline Elm—In shape like a Lombardy Poplar, with leaves often 6 inches across. The older trees become more spreading. 6-8 ft., **\$2.00** each; 8-10 ft., **\$2.50** each.

Cork Elm—Tall, majestic, with spreading branches, corky winged; free from scale and disease. 6-8 ft., **\$2.50**.



Golden Chain (Laburnum)

P-W's Ornamental Trees

Ginkgo

Maidenhair Tree (Ginkgo Biloba)—A rare tree from Asia with fern-like foliage, unlike any other. Free, angular, independent branches, distinct. 6-8 ft., \$3.50.

Horse Chestnut

White Flowering—The handsome European species; has magnificent spikes of white flowers borne in great profusion and sweetly scented. 6-8 ft., \$3.00 each; 8-10 ft., \$3.50 each.

Hawthorne (Flowering Thorns)

English Double Flowering White—Fragrant flowers in May and June. 4-6 ft., \$2.00 each.

Paul's Double Scarlet—Flowers deep crimson scarlet; very double, followed by large red berries borne freely. 6-8 ft., \$2.50; 4-6 ft., \$2.00.

Linden

American—Broad, round head with large, shining cordate leaves. Its flowers appear in yellow drooping clusters, intensely fragrant. 6-8 ft., \$2.50 each; 8-10 ft., \$3.00 each.

European (Lime Tree)—Pyramidal shape, foliage similar to American Linden, white flowers in June. 6-8 ft., \$2.50 each; 8-10 ft., \$3.00 each.

Locust

Common or Black Locust—Rapid growth, valuable for timber as well as ornamental. The flowers in long racemes, white and fragrant, in June. 4-6 ft., 50c each; 6-8 ft., 60c each; 8-10 ft., \$1.00 each; 10-12 ft., \$1.50 each; 12-14 ft., \$2.00 each.

head, \$2.50; 3-year head, \$3.00.

Globe Locust—Unusually attractive; forms round-headed tree — without trimming. 1-year head, \$2.25; 2-year

Honey Locust—A large vigorous tree, with wide spreading branches, feathery. 4-6 ft., \$1.00 each; 6-8 ft., \$1.25 each.

Thornless Honey Locust—Identical in hardiness, foliage, size, and habit of growth with the regular Honey Locust. The only difference being it is without spikes or thorns. 8-10 ft., \$2.50.

Maples (Acer)

Silver—A large tree. Very fast grower, makes dense shade and thrives in any soil. 6-8 ft., \$1.25 each; 8-10 ft., \$1.75 each; 10-12 ft., \$2.00 each.

Schwedleri—A red and purple contrasts brightly with the delicate green of other trees. In midsummer they are purplish green, in autumn, golden-yellow. 6-8 ft., \$2.25; 8-10 ft., \$2.75.

Purple Leaf Norway Maple—Same habits and size of growth as the well-known Norway Maple, but the foliage is a beautiful reddish-purple during the entire season. 4-5 ft., \$1.50; 6-8 ft., \$2.50.

Mulberry

Mulberry, Russian—Rapid growth; round headed, profuse foliage; used to attract birds. 5-6 ft., \$1.00; 6-8 ft., \$1.50 each; 8-10 ft., \$2.00 each.

Mulberry Tea Weeping—The long, slender, drooping branches of this tree give it a very unusual and much admired appearance. Prized for lawn planting. 2-year heads, \$3.25.

Kingman (Fruitless)—30 ft. A good strong growing dense shade tree, but without fruit, thus avoiding the staining of walks under the tree. Extremely rapid in growth and one of the best shade or street trees for southern Utah, Nevada, and other hot, dry arid climates. 6-8 ft., \$1.75 each; 8-10 ft., 2.25 each.



Globe Locust

P.-W.'s New Hardy Orchid Flowered, Acacia

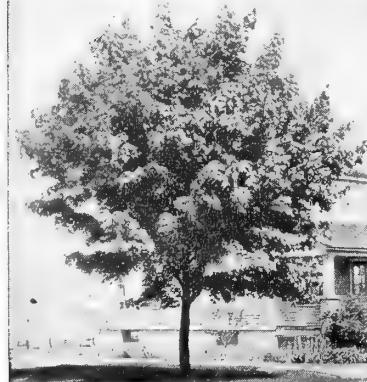
This new variety is a marvelous development in the Robinia family. It is a hardy, thrifty grower, producing at maturity well developed and branched trees 25-30 feet in height. While its graceful, feather-form, green foliage is attractive, yet its real claim to beauty is the very showy flowers, profusely produced in June, in long, drooping, sweetpea-like clusters of a very deep orchid color. Because of its easy growth, hardiness, beauty, and adaptability to varied climatic conditions, this variety should find a place in every planting, and become the leader among flowering trees. One size only is available this year, 7-8 ft., \$2.50.

Oak

Red Oak—A tall tree with broad top and thick trunk, and immense leaves, highly colored in autumn. 6-8 ft., \$3.50.

Olive, Russian

Eleagnus Angustifolia—Small tree growing to a height of 10-20 ft. Leaves silvery green. Very hardy, vigorous grower and valuable for screens, hedges, and color accents in landscape effects. 3-4 ft., 65c; 5-6 ft., \$1.00; 6-8 ft., \$1.25; 8-10 ft., \$1.50.



Norway Maple

For Shade and Beauty

Prices quoted on trees are f.o.b. Salt Lake City. See page 66 for quantity price schedule. Small sizes, under four feet, can be sent parcel post where desired. Add 15c per tree extra for packing and postage.

Poplar (Populus)

Bolleana—A tall columnar, rapid growing, hardy tree. Leaves glossy green above and silvery beneath. 4-6 ft., **35c** each; 6-8 ft., **75c** each; 8-10 ft., **\$1.00** each; 10-12 ft., **\$1.50** each.

Canadian—Rapid growing, sturdy variety, surviving even in poor and alkaline soil situations. 6-8 ft., **55c**; 8-10 ft., **75c**.

Carolina—Rapid grower; quick shade. 6-8 ft., **50c** each; 8-10 ft., **60c** each; 10-12 ft., **75c** each; 12-14 ft., **\$1.00** each.

Lombardy—Grows narrow and columnar. 10-12 ft., **\$1.00** each; 8-10 ft., **75c** each; 6-8 ft., **50c** each; 4-6 ft., **35c** each.



Double Flowering Peach

Flowering Peach

3-4 ft., **75c**; 4-5 ft., **\$1.00**; 5-6 ft., **\$1.50**.

Weeping—Double Flowering—White

—Pendulant branches massed with double white blossoms before the foliage appears. Most attractive. 5 ft. Standards, 3 yr. heads, **\$1.50** each.

Flowering Plums

Bliriana (New Flowering Plum)—See page 68. In early spring a mass of double pink flowers, followed by very dark reddish-purple foliage, which is retained throughout the season. 4-5 ft., **\$1.00** ea.; 5-6 ft., **\$1.25**.

Pissardi—Purple-leaved plum. 3-4 ft., **65c**; 4-5 ft., **90c**.

Newport Flowers single rosy white in early spring followed by richly colored foliage. Fruits magenta red. 4-5 ft., **\$1.00** each.

Triloba (Double Flowered Plum)—Before leaves appear the whole tree is a mass of very double, pink blossoms. 3-4 ft., **75c** each; 4-5 ft., **\$1.00** each.

Plane Oriental

London Plane—It forms a fine spreading, well-rounded head. Entirely free from disease or pests. Leaves are large, dark green and deeply lobed. One of the very best street trees. 6-8 ft., **\$2.25**; 8-10 ft., **\$2.75**; 10-12 ft., **\$3.50**; 12-14 ft., **\$4.00**.

Rose Acacia

(Tree Form)

Robinia Hispida—These dwarf trees are produced by grafting the Rose Acacia on suitable hardy standards. Produces beautiful lavender-pink pealike flowers in long racemes in late June, making a very charming small tree. 4-5 ft. standards, 2 yr. heads, **\$3.00**; 1 yr. heads, **\$2.00**.

Tulip Tree

Tall, pyramidal habit; bluish-green, glossy, fiddle-shaped leaves; flowers tulip-like, greenish yellow. 3-4 ft., **\$1.50**; 6-7 ft., **\$2.75**.

Syringa Japonica

Japanese Tree Lilac—Grows into a handsome, well-shaped tree 18-20 ft. in height which produces large loose bunches of creamy-white flowers in late June or early July. Very handsome deep green foliage. 3-4 ft., **\$1.25**.

Sophora

Japonica (Pagoda Tree)—The leaves are an old feather form, round base but pointed. Green above and gray and hairy beneath. Flowers in long pea-shaped panicles, creamy white. Grows 30 to 40 ft. high. 4-5 ft., **\$2.00**.

Varnish Tree

Koelreuteria Paniculata—Sometimes known as "Golden Rain Tree." Very decorative, growing to a height of 25-30 ft. In July, its yellow flowers are borne in clusters 12-18 inches long. Very showy. This is hardy in the Salt Lake Valley and areas of similar climatic conditions. 5-6 ft., **\$3.00**.

P. - W.'s Special Windbreak Collection Offers

The varieties selected here are especially fitted to stand the most rigorous and exposed situations in the upper valleys of the Intermountain States. We are confident they will fill a long-felt want of our customers living in the open country or where windbreak is desired.

Windbreak Collection No. 291

30 Siberian Elm 18/24 in.

30 Black Locust 18/24 in.

30 Russian Olive 18/24 in.

50 Caragana 10/15 in.

All of the above for.....

\$9.00

Delivered to your nearest Express or Postoffice

Windbreak Collection No. 292

50 Siberian Elm 18/24 in.

100 Caragana 10/15 in.

50 Black Locust 18/24 in.

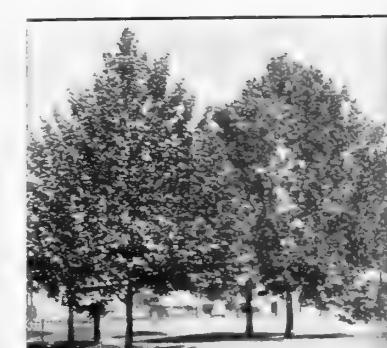
50 Russian Olive 18/24 in.

All of the above for.....

\$14.00

Delivered to your nearest Express or Postoffice

Let our LANDSCAPE DEPARTMENT assist you in your landscaping problems. A post card will put you in touch with this service.



London Plane

P.-W.'s APPLES



P.-W.'s Chinese Apricots

Apricots

For canning, evaporating and drying purposes, as well as for use in the fresh state, the fruit can hardly be excelled. Plant trees 20 to 25 feet apart each way.

| | Height | Inches | Caliper | Each | 10-40 |
|------------------|----------|------------|---------|------|-------|
| Home Orchard | 4 ft. up | 9/16-11/16 | 75c | 50c | |
| Coml. Orchard | 3 ft. up | 7/16- 9/16 | 60c | 45c | |
| Mail Size | 2 ft. up | 5/16- 7/16 | 50c | 40c | |
| Extra Spec. Size | 5 ft. up | | | 1.00 | 75c |

Write for prices on larger quantities

Colorado—Fruit very large and of excellent color. Flesh bright orange, tender, mild, very juicy.

P.-W.'s Chinese—Large, round, deep yellow. Late June. **Jones**—Similar in most every respect to P.-W.'s Chinese; highly prized locally.

Moorpark—Very large, yellowish-green; best variety for no colder sections than Salt Lake. Late June.

Nectarines

The Nectarine has a smooth skin like the plum. It is like the peach in other ways and requires the same culture. Its pungent, sprightly flavor is reminiscent of both, but with an added deliciousness all its own. Set trees 16 to 18 feet apart. **Boston**—Bright Yellow, red cheek; flesh yellow, freestone, fine flavor. 4-6 ft., each, 90c; \$8.50 per 10. 2-3 ft., each, 70c; \$6.00 per 10.

Nut Trees

Almonds, IXL (Soft Shell)—Nut very large, soft-shelled and smooth. Kernel large and plump. The best variety for planting in this section. 4-6 ft., each, 90c; \$8.50 per 10; \$75.00 per 100. 3-4 ft., 75c; \$7.00 per 10; \$60.00 per 100.

English Walnuts—4-6 ft., \$1.75 each; 6-8 ft., \$2.25 each.

Quince

Orange Quince—Large; roundish, with short neck; beautiful bright golden yellow; an old favorite for making jelly. 7-16—9-16 Caliper, \$1.00 each.

and APRICOTS

Apples

"The King of Fruits"—"An Apple a Day Keeps the Doctor Away"

No fruit can be more pleasant to the palate or more beautiful to the eye than the rich, ripe apple when plucked from the tree or more luscious and beautiful when cooked.

The grades and prices on all varieties are as follows, f.o.b. Salt Lake City:

(Standard Varieties)

| | Height | Inches | Caliper | Each | 10-40 |
|------------------|----------|------------|---------|------|-------|
| Home Orchard | 4 ft. up | 9/16-11/16 | 75c | 75c | 50c |
| Coml. Orchard | 3 ft. up | 7/16- 9/16 | 60c | 60c | 45c |
| Mail Size | 2 ft. up | 5/16- 7/16 | 50c | 50c | 40c |
| Extra Spec. Size | 5 ft. up | | | 1.00 | 75c |

Write for prices on larger quantities

Autumn Varieties

Gravenstein—Yellow, red striped, very large. Ripens in Sept. **Twenty Oz. Pippin**—Large yellow and striped. Good cooking apple.

Wealthy—Dark red, sub-acid. Trees bear very young.

Summer Varieties

Early Harvest—Medium size, nearly round, pale yellow, July and August.

Early Redbird—Claimed to be the earliest red apple in cultivation. Ripens a week earlier than Yellow Transparent, producing most palatable, glowing scarlet-red apples—almost twice the size of Early Transparent. Very satisfying. Vigorous grower, hardy everywhere.

Red Astrachan—Fruit large, beautiful deep crimson yellow. Ripens July and August.

Red June—Medium size, oblong, red, flesh white and juicy, sub-acid. Ripens in July.

Yellow Transparent—One of the earliest, pale yellow when ripe; good quality. Succeeds well in cold climates. Ripens in July.

Winter Varieties

Cortland—A cross between McIntosh and Ben Davis. Really a late keeping McIntosh of increased size.

Red Delicious—Large, handsome, extra deep red winter apple, delightful flavor; ripens late Fall.

Golden Russet—Good medium sized early winter apple. Russet brown turning golden-yellow when ripe. Fine flavor.

Grimes Golden Pippin—Rich, golden-yellow; flesh tender, juicy and rich. November to December.

Jonathan—Probably the best apple in regard to flavor and quality ever grown in America. Extra deep red.

McIntosh Red—Most popular hardy red apple, largely planted where extreme hardiness is required. Our buds are from a true red selected strain.

Rhode Island Greening—Large greenish-yellow.

Red Rome Beauty—Fruit large, yellow with extra deep red; good quality and long keeper.

Staymans Winesap—Smooth, greenish-yellow, splashed and striped with red and purple.

Winter Pearmain—Pale yellow; flesh yellow, juicy, tender.

Winter Banana—Fresh golden yellow; fine grained, juicy.

Crab Apples

These miniature apples are highly esteemed for making jelly; extremely prolific bearers. Every Home Orchard should have at least one or more trees.

Siberian—Beautiful red. September.

Prices on Crab Apples are same as other varieties—See above schedule.

P.-W.'s Special Bargain Collection No. 293

20 VIGOROUS FRUIT TREES

A well-selected fruit assortment containing eight different fruits—all of which should be on every home place that has room for them. Our selection of 2 Apricots, 3 Apples, 5 Peaches, 3 Pears, 2 Plums, 1 Prune, 3 Sweet Cherries and 1 Sour Cherry—specially priced while they last. Delivered to your railway station for

\$750

Luscious PEARS

Bartlett Fruit large, clear yellow, highly flavored; very juicy. September.

Beurre D'Anjou Large, of vinous flavor: one of the leading Autumn varieties.

Keiffer's Hybrid—Rarely ever blights. Fruit of fine size, rich color and good quality. October and November.

Lincoln A "peer" among pears, ripening in late Summer. Fruit averages about the size of Bartlett, a clear, beautiful, glossy yellow of superb quality. Trees long-lived, remarkably hardy, blight resistant. Very heavy cropper. Fruit should be thinned to obtain largest size.

Parrish Favorite New beautiful large winter pear, ripening in November-December. Will keep until Spring, retaining its captivating flavor. Never blights. Best Winter pear.

Seckel—Small, yellowish-brown, tender, juicy melting. Ripens Aug.

Winter Nellis—A good winter variety of medium size. Prices on all the above varieties are as follows—f.o.b. Salt Lake City:

| Height | Inches | Caliper | Each | 10-40 | Write for | Quantity | Prices |
|------------------|---------------|------------|--------|-------|-----------|----------|--------|
| Home Orchard |4 ft. up | 9/16-11/16 | 75c | 50c | | | |
| Coml. Orchard |3 ft. up | 7/16- 9/16 | 60c | 45c | | | |
| Mail Size |2 ft. up | 5/16- 7/16 | 50c | 40c | | | |
| Extra Spec. Size |5 ft. up | | \$1.00 | 75c | | | |

DWARF FRUIT TREES

A limited number are available this year. These are budded on root stock that produces a miniature tree, but fruit is same size and quality as the regular stock. Dwarf trees come into bearing earlier and are specially adapted to small yards or orchards where space is limited. This year we have only the **Red Astrachan** and **Red Delicious Apples** and the **Bartlett Pear** available in the Dwarf Class. Either variety price, 2 to 3 ft. size, 90c each; \$8.50 per 10, postpaid.

NEW REDELBERTA PEACH

In the REDELBERTA a valuable new peach has been discovered—or rather an old favorite variety in new, greatly improved form.

This peach is identical with Elberta in tree and fruit, except that the **fruit ripens approximately ten days earlier** than common Elberta and **has fully double the red color** of that variety.

REDELBERTA (See below)

- Early Color
- Ready to Pick

Natural color reproduction showing comparative color and maturity. Picked same day in same orchard.

Prices on Redelberta Peach (U. S. Plant Patent No. 232), f.o.b. Salt Lake City:

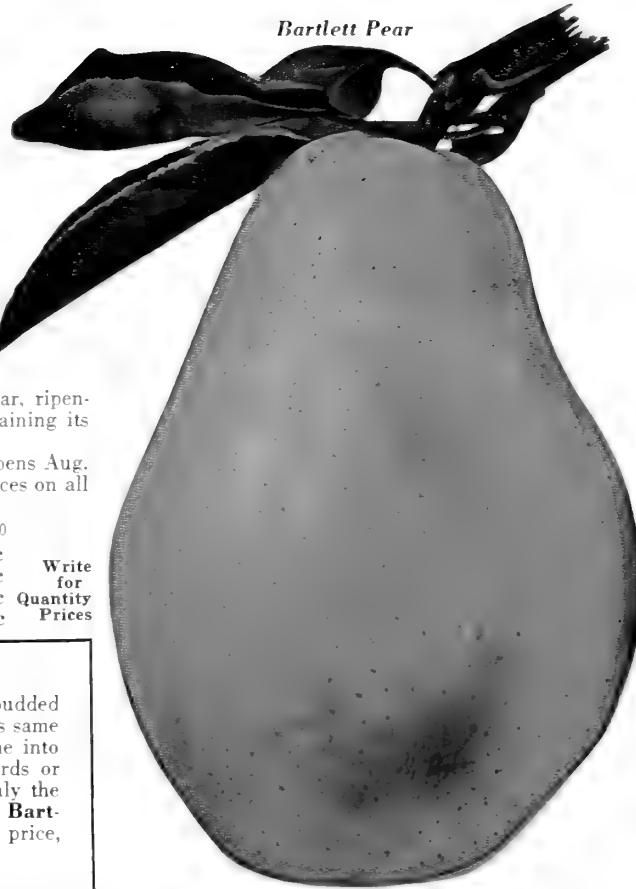
| | Each | Dozen | 25 | 50 | 100 |
|---------|------|-------|-----|-----|-----|
| 4.6 ft. | 95c | 75c | 60c | 50c | 45c |
| 3.4 ft. | 85c | 70c | 55c | 45c | 40c |
| 2.3 ft. | | | | | 35c |

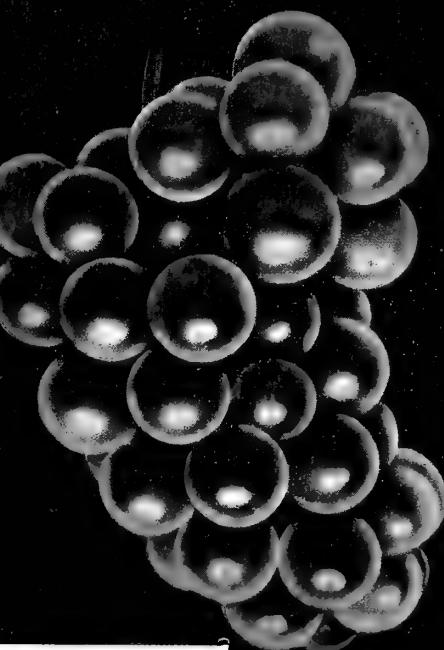
500 tree lots, 5% discount from the per 100 prices
1,000 tree lots, 10% discount from the per 100 prices

ELBERTA—Still Green
(See below)

Not ready to pick for ten days

Bartlett Pear





CACO — Best Hardy Sweet Red Grape. 30c each; 5 for \$1.25, postpaid. (See page 81.)

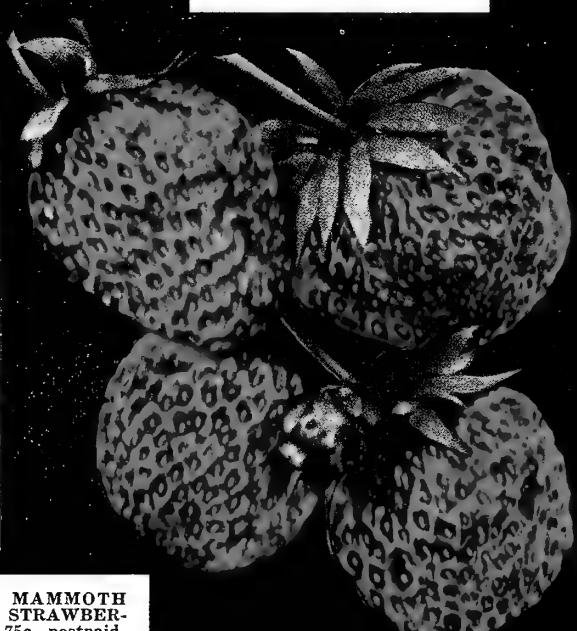


ROCHESTER — The earliest yellow hardy peach of superior quality. Mail size 50c each, postpaid. (See page 81.)



P.-W.'s COLOSSUS — The largest and sweetest Everbearing Raspberry. 25c each; 3 for 70c, postpaid. (See page 82.)

LAMBERT — Handsome large Sweet Cherry. Mail size, 50c each, postpaid. (See p. 79.)



P.-W.'s "Last Word" Fruit Collection No. 301

- 1 Rochester Peach
- 1 Lambert Cherry
- 1 Caco Grape
- 3 P.-W.'s Colossus Raspberries.
- 3 New Boysen Berries
- 25 P.-W.'s New Mammoth Everbearing Strawberries

(Regular
Value
\$3.00)
Postpaid

\$2.50

NEW BOYSEN BERRY — A marvel in size and flavor. 25c each, postpaid. (See page 82.)

P.-W.'s NEW MAMMOTH EVERBEARING STRAWBERRY. 25 plants, 75c, postpaid. (See page 81.)

P.-W.'s Big Sweet CHERRIES



Typical Cherry Orchard in Full Bloom — Trees from P.-W. Co.

About Cherries

Cherry trees are a real asset to any home. Big sweet luscious cherries, fresh from the tree, will be appreciated by the whole family. No fruit surpasses it and few approach it. They thrive best in well-drained soil on which the water does not stand close to the surface. Sweet Cherries develop larger trees than the sour, and should be planted at least thirty feet apart each way (49 trees per acre). The Bing and Lambert varieties require pollinizers and we recommend planting the Black Tartarian for this purpose. One tree will pollinate several and in commercial plantings approximately one to twenty should be planted well distributed.

Sour Cherries are smaller trees at maturity than the Sweet and should be planted about twenty feet apart each way requiring 108 trees per acre. They are adaptable to a much wider area than the Sweet Cherries and require no pollinizers. They can be easily grown in the upper valleys and colder sections of the intermountain states. They are widely used for culinary and canning and are popularly known as the "pie cherry."

Sweet Cherries

Bing Cherry About one week ahead of Lambert. One of the best market cherries. Large deep dark red, nearly black. Meat firm, sweet, and exceedingly well flavored. Ripens July in Salt Lake valley. Wonderful shipper.

Lambert Cherry This follows Bing in ripening and is fully equal to it both as a commercial and home variety. Fruit very large, heart shaped, firm flesh and a rich sweet flavor. It is less subject to frost injury in blossom time than any other of the sweet varieties. Ripens in July.

Black Tartarian—Large, purplish-black, sweet. Ripens first of July.

Napoleon—Very large, pale yellow, red cheek. June.

Windsor—Fruit large: heavy bearer: beautiful dark color, almost black.

Sour Cherries

Early Richmond—Medium dark red; melting juicy.

May Duke—Fruit dark red; juicy and rich. June.

Reine Hortense—Sweeter and larger than May Duke. Color deep red. Ripens Aug.

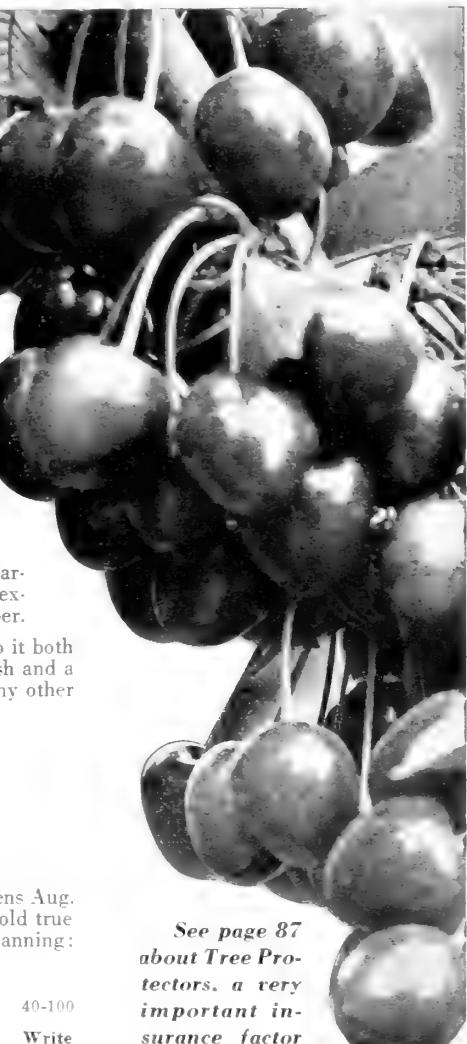
Montmorency—Improved. This strain produces much larger fruit than the old true Montmorency and has become the leading sour cherry for cold pack and canning: ripens late June to early July.

Prices on All Cherries—Both Sweet and Sour—f.o.b. Salt Lake City

| | Height | Inches | Caliper | Each | 10-40 | 40-100 |
|--------------------|----------|------------|---------|--------|-------|--------|
| Home Orchard | 4 ft. up | 9/16-11/16 | | .75c | .50c | |
| Commercial Orchard | 3 ft. up | 7/16- 9/16 | | .60c | .45c | Write |
| Mail Size | 2 ft. up | 5/16- 7/16 | | .50c | .40c | for |
| Extra Special Size | 5 ft. up | | | \$1.00 | .75c | Prices |

FOR PROTECTION AGAINST BIRDS

A few Russian Mulberry planted near an orchard of cherries often save damage by birds eating the fruit; as birds prefer Mulberries to Cherries. See page 74.



See page 87
about Tree Protectors, a very
important insurance factor
in the life of
young trees.

P.-W.'s PLUMS and PRUNES



Typical Italian Prune Tree at Harvest Time

The trees usually are planted about 20 feet apart, requiring 108 trees per acre. They thrive especially well in back yards, gardens and in chicken runs.

Prices on all varieties of Plums and Prunes, f.o.b. Salt Lake City, are as follows:

| Height | Caliper | Each | 10- | 40- |
|--------------------|----------|------------|--------|------------|
| Home Orchard | 4 ft. up | 9/16-11/16 | 75c | 50c |
| Commercial Orchard | 3 ft. up | 7/16- 9/16 | 60c | 45c Write |
| Mail Size | 2 ft. up | 5/16- 7/16 | 50c | 40c for |
| Extra Special Size | 5 ft. up | | \$1.00 | 75c Prices |

Burbank—Large, round, mottled red and yellow. July.

Bradshaw—Very popular market variety. Large purple.

Climax—Japanese variety. Fruit large, heart-shaped, cherry red; very attractive. Flesh juicy, sprightly, and delicious. Tree bears heavily at an early age; self-fertile. July.

Damson—Medium dark blue; flesh amber; good preserver.

Duarte—A rich blood-fleshed plum, similar to Satsuma. Tests show this tree is hardier and more productive.

Elephant Heart—A huge, heart-shaped freestone plum; flesh blood-red. Luscious flavor. Early September.

Formosa—One of the best early Japanese plums. Fruit large and heart-shaped, becoming cherry red as it ripens, very attractive. Flesh sweet and of a delicious apricot flavor. Early July.

Green Gage—Fruit pale green, rich and juicy.

HANSKA—Large, dark reddish purple freestone plum, flesh is yellow and exquisite apricot-plum flavor. Very hardy.

Jefferson—Fine, large, early red.

Opata—Medium size, freestone, purplish red plum, flesh green of pleasing spicy flavor. Very heavy and young bearer and very hardy. July.

Pacific—A large purple plum. Stands shipment well. Fruit freestone; flesh pale yellow, firm, and sweet.

Peach—Very large; brown-red; flesh pale yellow. Early July.

Pottawatamie—Excellent small plum for preserving.

Santa Rosa—One of the leading shipping plums. Fruit of good size, purplish red, very attractive. When fully ripe the flesh is reddish in color, juicy and delicious. Late July.

Offer No. 307

All season collection of Plums and Prunes, consists of 1 mail size tree each of the following:

Duarte

Satsuma

Santa Rosa

Sessions

Hanska

Italian Prune

6 trees in all not including postage (regular price \$2.70) postpaid.

\$2.25

Sapa—Medium to large size, freestone, dark purple plum with purple flesh, full of rich juice of fine flavor. Ripens a few days after Opata. Generally bears next year after planting and bears very heavily.

SATSUMA—A fine, large plum; purplish-crimson; pit exceedingly small. Delicious flavor. July.

Sugar—Dark reddish purple changing to purplish black. Skin thin, tender, separates readily. Flesh golden-yellow. Tender and sweet.

Sessions—Damson type, medium dark blue, flesh amber. Good for preserves. Sure cropper.

Yakima—Very large, egg-shaped, red. Good shipper.

Improved French Prune—Is much larger than the old well-known brown French and superior in every way. Fruit red and sweet.

ITALIAN-FELEMBURG PRUNE—Large oval, dark purple; flesh greenish-yellow; separates freely from stone; best for drying on the market. August-September. Best commercial sort, "Italian" is on peach root.

"Mail" and "Commercial Orchard Sizes" can be forwarded via Parcel Post where necessary, respective weights are indicated below so as to determine postage necessary.

Average weight of Fruit Trees packed for shipment as an aid to determine carrier charges: The general run of fruit trees, either in bales or cases, average about as follows: 6 to 8 ft., 2 lbs. each; 4 to 6 ft., 1½ lbs. each; 3 to 4 ft., 1 lb. each; 2 to 3 ft., one-half of a lb. each. Grapevines, one-third of a lb. each.

Certificate of Inspection, showing freedom of our stock from injurious insects and plant diseases will be attached to all shipments of Nursery Stock.



Fruit Assortment

PEACHES

Plant 20 to 25 ft. apart, requiring from 70 to 108 trees per acre. Prices according to grades as follows, all f.o.b. Salt Lake City:

| Height | Inches | Caliper | Each | 10- | 40- |
|--------------------|----------|------------|--------|-----|--------|
| | | | | 40 | 100 |
| Home Orchard | 4 ft. up | 9/16-11/16 | 75c | 50c | |
| Commercial Orchard | 3 ft. up | 7/16- 9/16 | 60c | 45c | Write |
| Mail Size | 2 ft. up | 5/16- 7/16 | 50c | 40c | for |
| Extra Special Size | 5 ft. up | | \$1.00 | 75c | Prices |

Alexander—Handsome, crimson. Ripens about July 4. Freestone.

Carman—Color creamy white or pale yellow, with deep blush; freestone. August to September.

Crawford's Early—Freestone. Fruit very large, oblong, yellow with fine red cheek. Flesh yellow, juicy, sweet. August.

Crawford's Late—Ripens September. Otherwise same as Crawford's Early.

ELBERTA—A leading market variety, large, handsome bright yellow overspread with crimson; juicy, fine shipper. Freestone.

Early Elberta—About ten days earlier than regular Elberta, otherwise similar.

Golden Jubilee—Another new large yellow-fleshed freestone. Said to ripen 3 weeks before Elberta and to equal or exceed that variety as a market peach.

Greensboro—Double the size of Alexander, ripening at the same time. Flesh white, juicy and good. July.

J. H. HALE—Large orange-yellow, considered by many superior to Elberta. Freestone.

June Elberta (Mikado)—Elberta type, ripening two or more weeks before and superior in quality to that variety. Fruits large, attractive, blushed. Tree vigorous, hardy, productive.

Heath Cling—Large oblong, creamy white, rich and luscious; valuable canning peach.

Orange Cling—Very large; yellow with dark crimson cheek; flesh golden-yellow.

May Flower—The earliest peach on the market; red all over; flavor excellent. Freestone.

Red Bird Cling—The earliest of the large cling. Color creamy-white, overspread with red.

ROCHESTER—It is the earliest yellow peach of quality, ripening about a month before Elberta. Fruit medium to large, mottled red, flesh tender, sweet, high quality, freestone. Buds harder than most yellow fleshed peaches. Ripens over a long season.

Sunbeam—Medium to large, yellow-fleshed, 4 weeks before Elberta; colors well, fruit firm; sweet and excellent quality. Tree hardier than Elberta; said by originator to be semi-cling, but appears to be freestone at Davis County Experiment Station orchard.

South Haven—Early yellow-fleshed market peach. Fruit medium to large, deep yellow with red cheek, tree vigorous, productive, hardy. Two or three weeks before Elberta.

Tuscan Cling—Large; yellow, heavy bearer and one of our best Clings; fine shipper. In great demand, being one of the first Clings to ripen.

Our Fruit Stocks Are Acclimated

At our Centerville Nurseries we have a particularly fine lot of strong, healthy fruit trees. This stock has been selected and critically grown to meet the requirements of orchardists planting for eastern or local markets. We believe, also, those of our patrons who are planting a small orchard for home use will find sufficient variety to amply fill every want in the fruit line.

Offer No. 309

LUSCIOUS PEACHES ALL THE SEASON THROUGH

| | |
|------------------|----------------|
| 1 Rochester | 1 Greensboro |
| 1 Golden Jubilee | 1 Elberta |
| 1 South Haven | 1 J. H. Hale |
| 1 Alexander | 1 Health Cling |

8 trees in all, selected "mail size," (regular value \$3.50, exclusive of postage), all postpaid for

\$3.00



J. H. Hale Peach

Grapes

Make the soil mellow and plant the vines somewhat deeper than they stood in the nursery. Plant about 8 ft. apart along the fence or building. For vineyard purposes make rows eight feet apart, six feet in rows. 908 plants per acre. For arbor plant four feet apart. Prune all plants to one cane, cut this back two eyes at time of planting.

Prices, except where noted, 2-year-old stock, each, **25c**; 10, **\$1.75**; 50, **\$5.50**; 100, **\$10.00**; 1000, **\$95.00**.

Hardy American Varieties

Agawam—One of the best red varieties; large, pulp tender; sweet. August.

CACO—This new variety is the best hardy red grape. Fruit is large, juicy and delicious. Vines bear young and are very vigorous. **30c** each; 5 for **\$1.25**; 10 for **\$2.25**.

Campbell's Early—Large, nearly round, often an inch or more in diameter; black with light purple bloom; skin thin; flavor rich and sweet.

Catawba—Red; well known as a wine grape. Bunches large and loose, berries large, of coppery-red color, becoming purplish when well ripened.

Concord—Well known, reliable, deep purple. An old standby. Most popular grape on the market.

Niagara—Light greenish white; semi-transparent, slightly ambered in the sun; skin thin, tough, sweet to center.

FREDONIA—No doubt will become the leading black grape. It ripens very early, 10 days before Moore's Early. Both bunches and berries are large with a juicy, delicious flavor. Vigorous grower; very productive and hardy. Be sure and plant some. **30c** each; 5 for **\$1.25**; 10 for **\$2.25**.

European Varieties

Must have winter protection or favored situation in Mountain States.

Black Malvoice—Berries large, oblong, reddish black, juicy.

Muscat—Large, light colored raisin and wine grape.

Flame Tokay—Large, sweet, red.

Thompson's Seedless—The well-known seedless raisin grape.

Zinfandel—Well known wine grape.

Prices—Any of above, each, **25c**; ten, **\$1.75**; fifty, **\$5.50**; hundred, **\$10.00**; thousand, **\$95.00**.

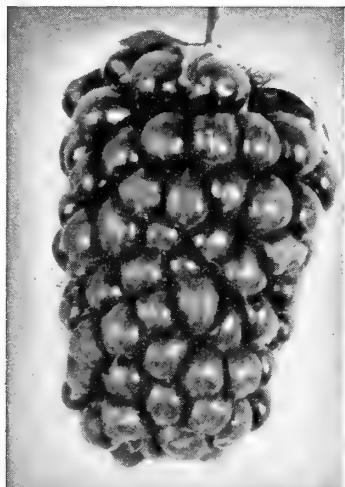
Offer No. 310

NEW HARDY GRAPES

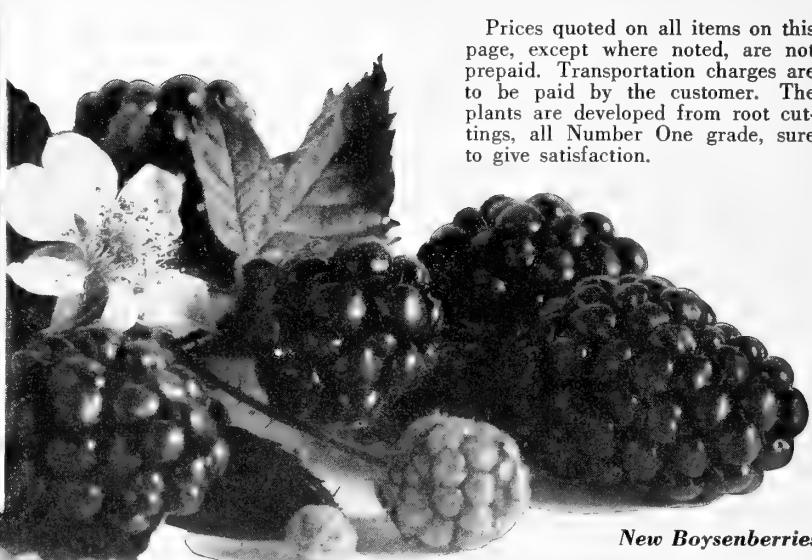
| | |
|--|------------|
| 2 Caco | 2 Fredonia |
| 4 Strong Two-year No. 1 Roots, postpaid, all for | |

\$1.00

Small Fruit PLANTS and SHRUBS



Inset
Natural Size



New Boysenberries

The New Boysenberry

The Greatest Vine Berry Yet Developed

Here is a record of a grower. "From an acre of Boysenberries 11,500 lbs. were produced while the Youngberry produced for the same area, 7,000 lbs." It has a distinctive luscious flavor of its own. You will agree with us when you try it that it is the finest berry you have ever tasted either fresh, canned, in jams, jellies, or pie. For home garden, plant 6 feet apart each way. See cut. Price, 25c each, postpaid. Not prepaid, 20c each; 10 for \$1.25; 100, \$10.00.

New Thornless Boysenberry

Same size, flavor, and bearing qualities as the new Boysenberry described above, but it has the wonderful advantage of being entirely thornless, a very decided advantage. 75c each; \$6.50 per 10.

Blackberries

Price—Each, 15c; 3 for 30c; 50, \$3.00; 100, \$5.00; per 1000, \$47.50.

Early Harvest—Berries uniform, glossy black, very early.

Mersereau—Splendid, large, very productive, without core, sweet, rich flavor.

Lucretia Dewberries—(Creeping Blackberry)—Fruit very large, superb quality.

Currants

Currants should be planted in good, very fertile soil. Prune more or less every year to get rid of old wood and keep the bushes open.

Price—Large 2-year-old roots, each, 30c; 10, \$2.50; 50, \$8.00; 100, \$15.00.

Fay's Prolific—Fruit large, bright red and good flavor.

Perfection—Large, bright red; most popular new variety.

Utah Black (Native)—Black, rich, fine for jelly.

Gooseberries

Price—2-year-old strong plants, each, 30c; 10, \$2.50; 100, \$18.00.

Smith's Improved—Light greenish red, good size, very productive.

Oregon Champion—Splendid new red, medium size, wonderful yielder.

P.-W.'s NEW WHITE SMITH—The largest and finest in the list. Fruit very light green, almost white. Equally good for home or market. Each, 35c; 10, \$3.00; 100, \$25.00.

Loganberries

A hybrid between blackberry and raspberry. Fruit as large as largest blackberry and produces in large cluster. Each, 25c; 10, \$1.75; 50, \$6.00; 100, \$10.00.

Prices quoted on all items on this page, except where noted, are not prepaid. Transportation charges are to be paid by the customer. The plants are developed from root cuttings, all Number One grade, sure to give satisfaction.

Raspberries, Red Varieties

CUTHBERT—One of the best large, dark reds; excellent flavor. Each, 15c; 10 for \$1.00; 50, \$2.50; 100, \$4.00.

LATHAM—This remarkable and very desirable new variety is certified absolutely mosaic-free, and acceptable anywhere; berries are large and round, with profitable shipping firmness; color, a brilliant red. Each, 15c; 10, \$1.00; 50, \$3.00; 100, \$5.00.

ST. REGIS—Fruit commences to ripen with the earliest and continuing on young canes until October, many quarts often being picked after the first snow falls. Berries bright crimson, large size, rich, sugary with full raspberry flavor; flesh firm and meaty. Each, 15c; 10, \$1.00; 50, \$3.00; 100, \$5.00.

P.-W.'s Colossus Everbearing—The finest everbearing red raspberry to date. It is absolutely hardy and bears prolifically over a long period. Due to its rich brilliant color and remarkable size and flavor it will not only prove to be a delightful table berry, but is it perfect for canning and will be a money-maker for the commercial grower and a delightful new worthy type for the home garden. Price, 25c each; 3 for 60c; postpaid. Not prepaid, 15c each; 10 for \$1.20; \$8.50 per 100.

Offer No. 312

HOME ORCHARD "SMALL FRUIT" COLLECTION

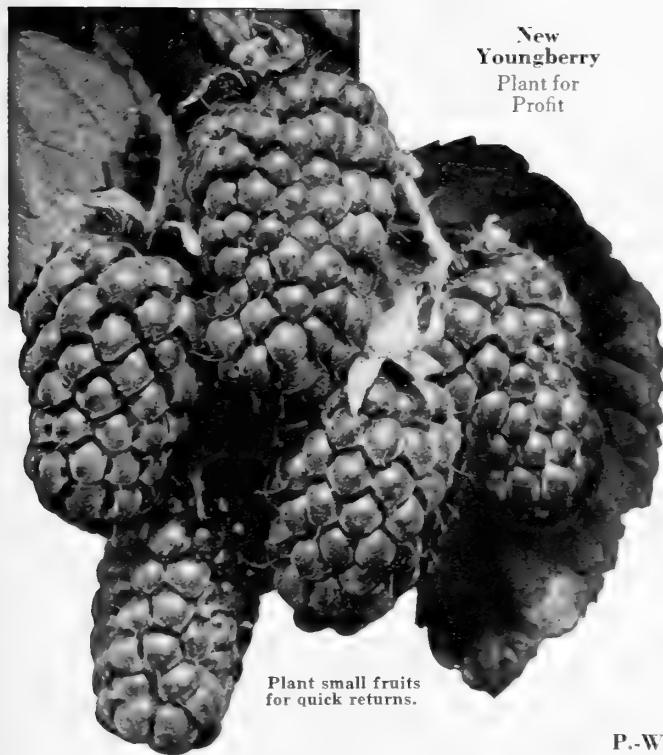
2 Currant, Perfection; 1 Gooseberry, P.-W.'s White Smith; 5 Cuthbert Raspberries; 5 P.-W.'s Colossus Raspberry; 5 Boysenberry; 1 Concord Grape.

Regular value \$3.35, all postpaid for

\$2 50



New Latham Raspberries



Plant small fruits
for quick returns.

New
Youngberry
Plant for
Profit

Raspberries, "Black Caps"

Cumberland—Healthy, vigorous, throwing up stout, stocky, well-branched canes; immensely productive of large, firm fruits. Mid-season.

Prices—Each, 15c; 10, \$1.00; 50, \$3.50; 100, \$6.00.

COLUMBIAN—Very large, somewhat conical; deep purple in color and borne in big clusters. Hybrid between Cuthbert and Cumberland "Black Caps." Grows much larger and more vigorously than any other "Black Cap." Price, 20c each; \$1.25 for 10; \$7.50 per 100, not prepaid.

New Youngberry

A cross between the dewberry and loganberry. Berries larger than loganberries, purplish black and similar to raspberries in flavor. Very vigorous grower, begins bearing at an early age. Hardy, good roots. Each, 15c; 10, \$1.00; 100, \$7.00.

Culture of Small Fruits

Bramble fruits like blackberries, raspberries, dewberries, etc., should have all old wood (older than the previous season's growth) cut out close to the ground each spring and the past season's growth should be trimmed back to 3 or 4 ft. in height. All of the old canes should be removed and burned.

Mulching of currants and gooseberries will give good results. A strawberry bed should have a light mulch, after the ground has just frozen; and in the spring just about the time growth starts, this covering should be raked between the rows and cultivation resumed.

Plant Small Fruit for Profit

Nothing in fruit growing at the present is attracting more attention than berry growing. Under suitable conditions as to soil, proximity to market or shipping point there is nothing more profitable. Our local markets, even in small towns, are never overstocked and will take everything offered at remunerative prices. Fill up those vacant spaces this year.

ORCHARDISTS AND LARGE PLANTERS

Please write for quantity prices on all Fruit Stocks. Due to uncertain market conditions, schedules are made herein on small lots only. Correspondence is solicited from those buying larger amounts.

About Warranty and Guarantee on Nursery Stock

We warrant stock true to name as labeled, to the extent only that if any should prove otherwise, we will replace free or refund purchase price; also we guarantee delivery in good and proper transplanting condition. Any claims for error, damage, or omission must be made immediately upon receipt of shipment, and proper adjustment will be made promptly. **Responsibility rests with all customers to examine carefully upon arrival as we can assume no liability for failure to grow** after nursery stock has been accepted and planted.

Strawberries

All strawberry plants will be sent either Parcel Post or Express, according to quantity.

Plant in rows 4 feet apart, plants 18 inches apart in row, requiring 7,260 plants to acre.

All our plants are put up uniformly in bunches, 25 plants each.

Marshall—As a large berry for home use it is peerless. The color is a rich, glossy crimson. 25 plants, 50c; 100, \$1.00; 500, \$3.50; 1000, \$6.50.

Mastodon Everbearing—Large luscious deep red berries, juicy and sweet, from June until heavy frost. 25 plants, 50c; 100, \$1.25; 500, \$5.50; 1000, \$10.00.

P.W.'s NEW MAMMOTH—P.W.'s New Mammoth Everbearing Strawberry is superior in size, color, flavor and yield. Particular advantages in this new strawberry are that the vines are more dwarf, the berries ripen evenly, easier harvested, larger in size and firmer in texture. First ripe berries appear about a week earlier than Mastodon and continue to bear until snow flies. Price—25 plants, 75c; 50, \$1.25; 100, \$1.75; 1000, \$12.50.

NEW WASHINGTON—The "Honey-Sweet" Strawberry

—Described by the introducer as the "biggest, sweetest, and most beautiful medium early Strawberry ever grown." Large berries, deep glossy red, juice like syrup, sweet as sugar. Ripens the same time as the Marshall, similar in shape, but superior in color and quality. 25 for 50c; 100, \$1.50; 500, \$4.00; 1000, \$7.00.

Offer No. 317 STRAWBERRY SPECIAL

Nearly every home yard affords room for some strawberries. This selection will give you fruit even this year and plenty for years following.

25 plants each of **Marshall**, **Mastodon**, and **P.W.'s Mammoth**, (75 plants in all, Regular value \$1.75), all postpaid for.....

\$1 25



New Washington Strawberry

PLANS TO BEAUTIFY

P.-W.'s Ornamental TREES and SHRUBS for Every Purpose

Neither the city nor the home is attractive unless softened by the foliage and branches of trees. They shelter the home from excessive heat and dust, add charm to the finest buildings and hide the untidy and unsightly places. There is an untiring loveliness as they continually change. At the first breath of spring, the swelling buds open into dainty flowers, often inconspicuous, but none the less beautiful. Then follow the delicate tints of expanding leaves that deepen into the richness of mid-summer green. The chill of autumn brings new beauty into the myriad of gorgeous hues that come almost overnight.

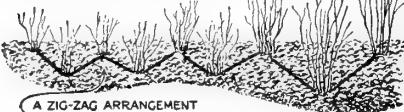
How to Plant Trees and Shrubs

Do not let the roots become dry. Keep them covered at all times with damp sacks or something similar.

Cut off broken or bruised roots just above place of injury. Shorten any roots that are overlong with a sharp knife or pruning shears. See below and next page.

LARGE GROWING SHRUBS FAR APART

LOW GROWING SHRUBS CLOSE TOGETHER



A ZIG-ZAG ARRANGEMENT IS BEST

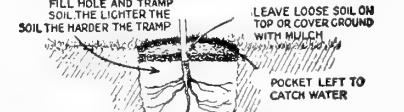


ALWAYS KEEP ROOTS COVERED



GOOD TOP SOIL

BREAK UP SUBSOIL WHEN IT IS VERY HARD



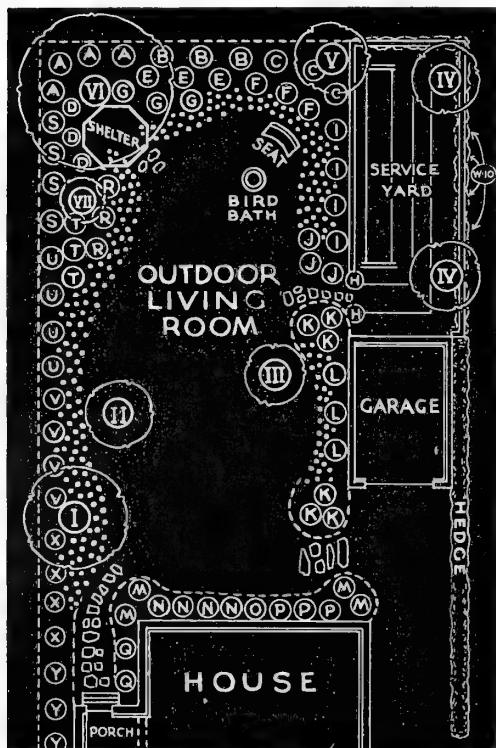
DIG HOLE LARGE ENOUGH TO RECEIVE PLANT WITHOUT BENDING ROOTS

FILL HOLE AND TRAMP SOIL, THE LIGHTER THE TRAMP THE HARDER THE TRAMP

LEAVE LOOSE SOIL ON TOP OR COVER GROUND WITH MULCH, WOOD CHIPS, ETC.

POCKET LEFT TO CATCH WATER

NOTE: MANURE UNLESS WELL ROTTED AND THOROUGHLY MIXED WITH THE SOIL SHOULD BE USED ONLY ON TOP IF USED AT ALL.



Useful Information on Shrubs

Shrubs for Shady Places

Elders Dogwoods Tamarix Weigela False Spirea Calycanthus Chokeberry

Snowberry Honeysuckle Coralberry Nannyberry Hypericum

Altheas Buddleia Bush Honeysuckle Rosa Rugosa Lilacs Privet

Hydrangea P.-G. Japan Barberry Japan Quince Spirea

Outdoor Living Room Collections

Offer No. 320

Contains 147 vigorous shrubs and trees of the smaller sizes listed in the catalog. (Regular prepaid value, \$48.00.) All prepaid to your express station or postoffice for

\$40.00

Offer No. 321

This is made up of precisely the same number of shrubs as No. 68-A but are the largest size listed in our catalog and would be too large to mail. (Regular value f.o.b. Salt Lake City is \$70.50.) All for

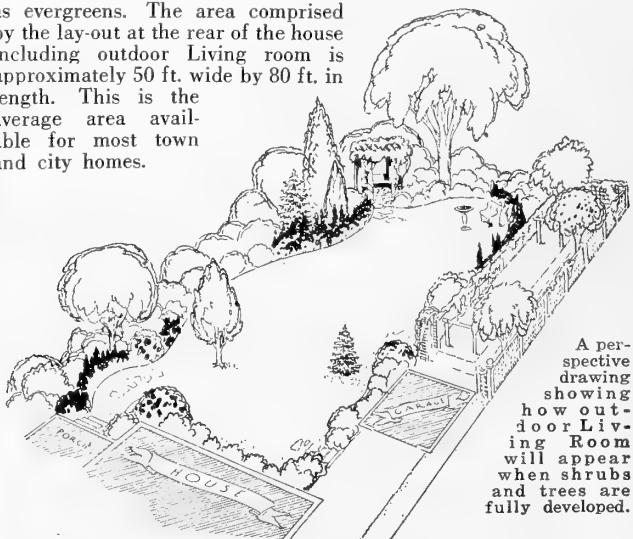
\$60.00

Net Prepaid

| Key | VARIETY | No. | Key | VARIETY | No. |
|-----|----------------------------|-----|-----|--------------------------|-----|
| I | Dble. Fl. Cherry | 1 | K | Potentilla Fruticosa | 3 |
| II | Betchels Fl. Crab | 1 | L | Red-Leaved Barberry | 6 |
| III | Euonymus American | 1 | M | Persian Lilac | 3 |
| IV | Redbud (Cercis Canadensis) | 2 | N | Spirea Froebeli | 4 |
| V | Purple Leaf Plum | 1 | O | Cotoneaster Acutifolia | 4 |
| VI | Willow Matsudana | 1 | P | Butterfly Bush | 1 |
| VII | Russian Olive | 1 | Q | Golden Bell | 3 |
| A | Sumac Typhina | 4 | R | Spirea Thunbergii | 2 |
| B | Bush Honeysuckle | 3 | S | Coralberry | 3 |
| C | Tamarix Hispida | 3 | T | Tamarix Gallica | 4 |
| D | Ninebark Tall | 4 | U | Aronia Chokeberry | 3 |
| E | Spirea Van Houtte | 3 | V | Shining Sumac | 4 |
| F | Snowberry, White | 3 | W | Mock Orange Everblooming | 4 |
| G | Chenaulti | 3 | X | Paul's Scarlet Rose | 10 |
| H | Silver Lance Vines | 2 | Y | Korean Spirea | 4 |
| I | Symp's Mock Orange | 4 | Z | Cydonia Japonica | 3 |
| | | | | Hedge—Privet | 50 |

Area indicated by dots can well be used for annuals or perennials of your choice or color.

On the left is shown the suggestive placement of the materials listed above. The "key" is indicated so it can be intelligently followed and used as a guide in arrangement. Other equally attractive combinations can be made both in deciduous shrubs as well as evergreens. The area comprised by the lay-out at the rear of the house including outdoor Living room is approximately 50 ft. wide by 80 ft. in length. This is the average area available for most town and city homes.



A perspective drawing showing how outdoor Living Room will appear when shrubs and trees are fully developed.

THE HOME GROUNDS

How to Plant Evergreens

(1) Dig hole a foot larger and deeper than ball of earth. Provide good, loamy soil to fill around ball.



Landscape Plans and Advice

This service is cheerfully rendered to all our customers desiring it; and plans provided for a nominal fee. Our staff includes Landscape Architects of wide, practical experience. The same careful attention will be given the smallest home grounds as is accorded to the largest estate. A post card signifying your interest will bring you full details.

Front of House Collection No. 324

This is made up of 25 vigorous field-grown shrubs of the smaller sizes listed in our catalog in the varieties indicated in the plan below. (Value prepaid, \$8.25.)

\$7.00

All for



Shrubs for Wet Places

| | | | | |
|----------|-------------|---------|-------------------|-----------|
| Barberry | Dogwoods | Spirea | Hypericum | Privet |
| Deutzias | Coral Berry | Weigela | Mahonia Aquifolia | Snowberry |

Hardy Climbers for Special Situations

Climbers for Shady Places—Celastrus Bittersweet, Alpios, Tuberosa, Honeysuckle, English Ivy, Euonymus, Boston Ivy.

Climbers for Hot, Sunny Situations and Southern Aspect—Bignonia Radicans, Clematis, Paniculata, Honeysuckle, Roses, Kudzu.

Climbers for North Aspects—Ampelopsis Veitchii (Boston Ivy), English Ivy, Euonymus.

Climbers for Eastern or Western Aspects—Ampelopsis, Engelmanni, Cinnamon Vine, Matrimony Vine, Climbing Roses, Clematis, Wisteria.

Trees for Lawn or Yard

| | | |
|-----------------------|-----------------|--------------------|
| Crab Double Flowering | Evergreens | Mulberry Weeping |
| Catalpa Bungei | Mountain Ash | Willow Weeping |
| Cut-Leaved Birch | Flowering Peach | Flowering Cherries |
| Camperdown Elm | | |

Flowering Trees

| | | | |
|-----------------|-----------------|------------------|-----------------|
| Ailanthus | Flowering Plums | Cherries | Laburnum |
| Horse Chestnut | Locust | Linden | Flowering Peach |
| Flowering Crabs | Magnolia | Catalpa Speciosa | |

Trees Suitable for Street Planting

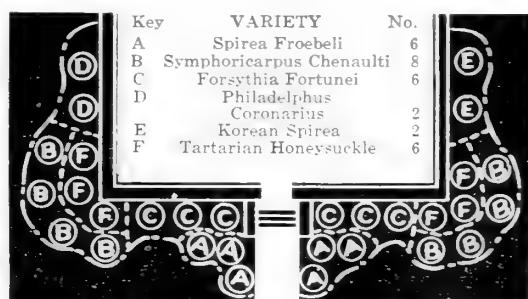
| | |
|------------------------------|--|
| Ailanthus | Linden—American, European |
| Ash—Green, Blue | Mountain Ash |
| Box Elder | Maple—Norway, Silver, Sugar, Sycamore, Schwedlerii |
| Catalpa—Speciosa | Oriental Plane |
| Elm—Moline, English, Chinese | Poplar—Carolina, Bolleana |
| Horse Chestnut | Sycamore—American |
| Locust | |

Front of House Collection No. 325

This contains 30 shrubs of the varieties indicated in the plan below of the smaller sizes listed in our catalog. (Regular prepaid value, \$9.90.)

All prepaid for

\$7.50



The above snapshot shows a glimpse of the attractive foundation planting as well as open garden arrangement. This was taken in September, only five months after the planting was made by our Landscaping Department. The materials used are marked by letter on the above cut so you can easily identify them by the following:

A—Symphoricarpos Chenaulti

C—Juniper Pfitzeriana

E—Pyracantha Lalandi

G—Thuja Meldensis

B—Juniper Chinensis Pyramidalis

D—Thuja Beverlyensis

F—Thuja aurea nana

H—Mugho Pine

See pages 65, 70, 71, and 72 for prices and sizes offered.

FERTILIZERS - Soil Builders - Chemicals

Write for Quantity Rates. Quotations on all Fertilizers are f.o.b. Salt Lake City and subject to change without notice.

Adco (Artificial Manure) — Mixed with leaves, cuttings, vines, weeds, straw, cornstalk, etc. Adco converts them into rich, real manure, sanitary, odorless, and free from weeds. **7½ lb. pkg., \$1.15; 25 lb. bag., \$3.00.**

Blood Meal — Concentrated fertilizer; 3 lbs., **25c**; 25 lbs., **\$2.00**; 100 lbs., **\$4.50**.

Bone Meal — A good all-purpose fertilizer; safe and effective. We are carload shippers. Write for quantity prices. 10 lbs., **60c**; 25 lbs., **\$1.00**; 50 lbs., **\$1.50**; 100 lbs., **\$2.50**.

Iron Sulphate (Chemical) — This is a very effective remedy for Chlorosis or "yellows" as it is sometimes called, in plants and shrubs. This condition may be corrected by the application to the soil about the plant of a small quantity of Iron Sulphate. Price — 1 lb., **12c**; 10 lbs., **90c**; 100 lbs., **\$5.00**; 350 lb. bbl., **\$14.00**.

Lime Hydrated — Used for correcting soils. 5 lbs., **25c**; 25 lbs., **75c**; 50 lbs., **\$1.00**.

Muriate of Potash (Chemical) — Approx. 50% K₂O. 10 lbs., **65c**; 25 lbs., **\$1.25**; 100 lbs., **\$3.00**.

Sulphate of Potash (Chemical) — Price — 3 lbs., **25c**; 10 lbs., **60c**; 25 lbs., **\$1.35**; 100 lbs., **\$4.75**.

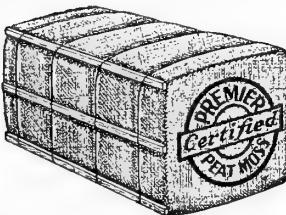
Nitrate of Soda (Chemical).

Stim-U-Plant — An all-the-year fertilizer for garden and house plants. An odorless, highly concentrated plant-food in tablet form, with guaranteed chemical analysis of 11-12-15. 10 tablets for **10c**; 30 for **25c**; 100 for **75c**; 500 for **\$2.50**.

Sulphate of Ammonia — Apply 100 to 500 lbs. per acre. Use only after plants are above ground. If used in liquid form, dilute 2 oz. to 1 gal. of water and do not apply oftener than twice a week. 5 lbs., **40c**; 10 lbs., **65c**; 25 lbs., **\$1.25**; 100 lbs., **\$3.00**.

Treble Super Phosphate — Containing 45% available phosphate, apply alone or in combination with other fertilizer. 10 lbs., **75c**; 25 lbs., **\$1.50**; 100 lbs., **\$3.50**.

Granulated Peat Moss



Sheep Manure — Pulverized, a popular natural fertilizer. 25 lbs., **60c**; 100 lbs., **\$1.00**.

Fertilizer Spreaders

New
Lawnette
No. 115



NEW LAWNETTE
A size for every need. Easy running, sturdy machines with a patented force-feed principle. Equipped with handle control and shut-off. All prices f.o.b. Salt Lake City.

No. 115 — Wt., 15 lbs., 16 in. spread; 30 lb. cap.....**\$7.50**

No. 15 — Wt., 10 lbs., size 14 in. spread, cap. 15 lbs., ea.....**\$3.25**

Newest, Quickest Way to Apply Plant Food to Your Lawn
Price, **85c**
Postpaid, **\$1.00**

Packed in a compact box— with full instructions.

It is so simple to operate that a child can run it. No wasting of fertilizer as it is efficient and does the fertilizing quickly.



VIGORO

complete plant food

This Garden, like millions of others, is fed regularly with Vigoro, the complete plant food made by Swift. Vigoro contains all 11 of the elements plants need for proper nourishment. That's why they develop extensive roots as well as luxuriant foliage and blossoms.

We recommend Vigoro because we know that if used according to the simple directions included in every bag and package it will give you amazing results at very low cost. Get a supply of this complete, 11-element plant food this year and feed everything in your garden—lawns, flowers, shrubs and trees!

100-lb. bag, **\$3.85** 25-lb. bag, **\$1.45** 5-lb. pkg., **45c**
50-lb. bag, **2.40** 10-lb. pkg., **.85** 1-lb. pkg., **10c**

If by mail, add postage at Zone Rates.



USE THIS NEW METHOD

An Outstanding Success in Plant Propagation Use

AUXILIN

THE MIRACLE ROOT GROWER

Now Available

Real Roots From Cuttings
Faster—Surer—Cheaper

1/6 oz., 50c. Will treat up to 600 cuttings
1/2 oz., \$1. Will treat up to 1,800 cuttings
3 1/2 oz., \$6. Will treat up to 12,000 cuttings
8 oz., \$12. Will treat up to 30,000 cuttings



Difficult cuttings from plants, shrubs, trees root easily, quickly. See photograph of American Holly rooted in 6 weeks. You'll get more, larger and healthier roots. Less disease. You need no special skill or equipment. Complete with graduated phial and full directions. Add water only.

AUXAN (Powder)

Auxan is the latest development in "root growth" inducers. It does not replace Auxilin (liquid) as Auxilin is still more efficient on hardwood cuttings. The powder fills a need for more simple application to the general run of house plants and greenhouse items. 3/4 oz. Trial size, 50c; 6 oz. size, \$2.50; 16 oz. size, \$5.00.

Spiral Tree Wrap

For Transplanted and Newly Planted
Fruit and Shade Trees



Method of Application Spiral Tree Wrap

4 in. wide and 8 in. in diameter containing 155 linear feet.
60c per roll.

The amount required for different sizes of trees are as follows: For trees 2-4' high, 3 ft.; 4-8', 6-8 ft.; 8-10', 9 ft.; 10-12', 11 ft.

New Tree Protector

This protector is real insurance against loss on newly transplanted fruit trees and plants. It protects the tree from drying winds, sunburn, and other agencies which contribute to loss during the very critical time from transplanting until the roots have been established. They will protect also against rabbits, squirrels, gophers, rats, mice, borers, and other pests that are sometimes so destructive to young stock. These are made from fiber—tough and durable—and will stand weathering, both Winter and Summer. This is not an expense but an excellent investment. Price. 24 in. size, 3c each; \$2.75 per 100; \$25.00 per 1,000. Ship wt., 15 lbs. per 100; 150 lbs. per 1,000.



Build Your Soil

BUILD UP YOUR SOIL

Inoculate Your Legumes with NITRAGIN

Inoculate your Legume seeds even tho planted on fields that have been inoculated before. Field tests have shown that better crops are harvested when Legume seeds are inoculated even when planted on fields where inoculated seeds of the same Legume crops had grown the previous year.

INOCULATE WITH NITRAGIN

NITRAGIN is an approved, moist humus culture—tested and guaranteed—easy to apply—packed with Billions of fresh bacteria—the cheapest legume crop insurance money can buy. Directions on every can.

NITRAGIN INOCULATION PRICES

When Ordering, ALWAYS State Name of Seed

ALFALFA, all CLOVERS

| Size | LESPEDEZA Hulled or Unhulled |
|-------------------|------------------------------|
| 1/2 bu. ea..... | \$.30 |
| 1 bu. ea..... | .50 |
| 2 1/2 bu. ea..... | 1.00 |

PEAS (All Varieties)

VETCHES (All Varieties)

| | |
|--------------------|--------|
| 1/2 bu. ea..... | \$.25 |
| 1 bu. ea..... | .40 |
| 1 1/2 bu. ea..... | .60 |
| 5 bu. ea..... | 1.70 |
| 12 1/2 bu. ea..... | 4.00 |

BEANS

String, Wax, Kidney

| | |
|-----------------|--------|
| 1/2 bu. ea..... | \$.25 |
| 1 bu. ea..... | .40 |
| 5 bu. ea..... | 1.70 |

Enough for 6 lbs. seed
Retail Price 10c each.

NITRAGIN—Oldest and Most Widely Used Inoculator in America

Magic Growth Producer

THOMPSON'S VITAMIN B-1 For Your Garden

VITAMIN B-1 PURE CRYSTALLINE
POWDER PRODUCES AMAZING
REINVIGORATED ROOT GROWTH!

... Cattleya blooms twice normal size . . . 5-inch
tree rose buds . . . Cottage tulips with 30-inch stems
Hyacinths with flower heads over 12 inches long . . .
Snapdragons, 6 1/2 feet tall . . . Birds of Paradise
with 16 inch flowers . . . Daffodils bigger than a man's
thumb . . . Roses transplanted while flowering . . .
Annuals, perennials and shrubs transplanted with-
out soil on roots . . . Root-rot stopped in valuable
trees . . .

100 mgm;
1/10 gram **1.00**

Makes 2000 gallons of so-
lution; enough for a sea-
son in the average garden.



INSECTICIDES – FUNGICIDES –

All prices on this page are f.o.b. Salt Lake City, except where noted, and subject to change without notice. Write for prices on larger quantities than those listed below.



TOMATO WORM



THRIp



CATERPILLAR



ASPARAGUS BEETLE



ROSE APHIS



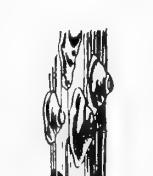
SLUG



SNAIL



ANTS



SCALE

Bug-Dust-O-Cide

A scientific up-to-the-minute insecticide of superior quality and powerful in its working. Contains Rotenone, Pyrethrum, and Sulphur. This means a triple action as a contact poison, a stomach poison, and a repellent, yet it is not dangerous to humans or domestic animals when used according to directions. Rotenone controls all chewing insects with its paralyzing effect; Pyrethrum controls sucking insects; Sulphur controls mildew and other fungus diseases. Complete directions with every package. 1 lb., **50c**; 3 lbs., **\$1.00**; 10 lb. bag, **\$3.00**; 25 lb. bag, **\$7.00**.

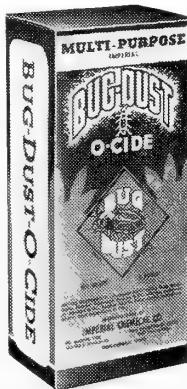
Special Combination Offer

No. 330

2 lb. bag Bug-Dust-O-Cide and Dust Gun. Listen for the Bug-Dust-O-Cide radio announcements beginning in May.

Postpaid

\$1.00



ARNOLD INSECTICIDE CARTRIDGES

Tri-O-Spray—Controls chewing and sucking insects and fungus diseases. **30c** each; **\$3.50** per doz.

Arsen-O-Spray—For all chewing insects. **25c** each; **\$3.00** per doz.

Sulph-O-Spray—For Mildew and other fungus diseases and Red Spider. **25c** each; **\$3.00** per doz.

NIC-O-Spray—For sucking insects. **30c** each; **\$3.50** per doz.

Pyr-O-Spray—Non-poisonous. For sucking insects. **30c** each; **\$3.50** per doz.

Rot-O-Spray—For chewing and certain sucking insects. **30c** each; **\$3.50** per doz.

Ant-Kill Syrup is used with safe service cups, which give protection to pets and children. Junior Sets (2 oz. Syrup, 2 Cups), **35c**.

Cottage Sets (3 oz. Syrup, 5 Cups), **60c**.

2 oz. Syrup, **20c**. 1/2 pt. Syrup, **50c**.

3 oz. Syrup, **25c**. 1 pt. Syrup, **75c**.

Ant Paste (Kellogg's Rattle Cap)—Best ant killer for indoor use. Jar, **25c**.

Aphis Spray (Acme)—Combination of 1 oz. Black Leaf 40 and 2 oz. Fish Oil Soap. 3 oz. Tube, **35c**.

Arsenate of Lead—Kills all chewing insects. 1/2 lb., **18c**; 1 lb., **30c**; 4 lbs., **70c**. Write for prices on large quantities.

Bait-M—Combats cutworms, snails, slugs, etc. Lb., **25c**; 2 1/2 lbs., **50c**.

Black Leaf No. 40—Use 1 oz. to 6 gal. water. Concentrated Nicotine solution for sucking insects and for poultry roost paint for lice and mites. Oz., **35c**; 5 oz., **\$1.00**; lb., **\$2.25**; 2 lbs., **\$3.25**; 5 lbs., **\$5.85**; 10 lbs., **\$10.60**.

Bordeaux—The recognized preventative for most fungus diseases. Lb., **30c**. Write for quantity prices.

Cyanogas Ant Killer—(See cut.) Kills ants instantly. 4 oz. can, **30c**.

Cyanogas A-Dust—Kills rats, mice, moles, ground squirrels, gophers, and all other burrowing pests. 1/2 lb., **45c**; lb., **75c**; 5 lbs., **\$3.00**; 25 lbs., **\$10.00**.

Cyanogas G-Fumigant—For greenhouses, use every week or ten days. Also for fumigating seeds, grains, flour mills, warehouses, etc. 5 lbs., **\$3.00**; 25 lbs., **\$10.00**; 100 lbs., **\$25.00**.

Dawg Gone—Keeps dogs away. Protects your evergreens, trees, and shrubs. **25c** per tube.

Dog Scram—8 oz. shaker container. Easily applied as a dust or a spray to repel dogs. **49c**.

Emo—Summer oil spray for control of white flies, mealy bug, red spider, rust mites, blister mites, and certain other insects. 8 oz., **30c**; pt., **50c**; qt., **70c**.

Emo-Nik—Combination Nicotine and Oil Emulsion. Recommended for aphis, mealy bug, red spider, thrip, white flies, and certain other pests. 4 1/2 oz., **35c**; pt., **65c**; qt., **95c**.

Evergreen—Non-poisonous Pyrethrum insecticide. Destroys a great number of chewing and sucking insects. Oz., **35c**; 6 oz., **\$1.00**; 16 oz., **\$2.00**.

Grafting Wax—1/4 lb., **25c**; 1/2 lb., **40c**; lb., **75c**.

Iron Sulphate—See page 86.

Kleenup (Free Emulsion)—An oil spray for use in the winter or early spring when trees and shrubs are dormant. Controls scale insects, fungus, and insect eggs. Qt., **50c**; gal., **\$1.00**.

Kopper Queen—Liquid mildew spray. Controls most fungus diseases of roses and flowers. Stainless; leaves no residue. 8 oz., **35c**; pt., **60c**; qt., **90c**.

Lime Sulfur (Dry)—Use on fruit trees, rose bushes, and nursery stock after leaves have fallen and before they reappear, for control of scale, peach blight, leaf curl, and twig borer. 1 lb., **35c**; 12 1/2 lb. bags, market price.

Naphthalene Flakes—For Gladiola storage. Use about 1 oz. Naphthalene to 100 large bulbs. Controls thrip. Treat only when dormant. 2 lb. carton, **30c**; 5 lbs., **75c**.

Nico Dust No. 10—Very popular dust spray for vegetable crops. 25 lbs., **\$3.85**; 50 lbs., **\$7.15**; 100 lbs., **\$12.15**.

Nico Fume (Pressure Fumigator)—Very popular for greenhouse fumigation. 1/2 lb., **45c**; case (12), **\$4.20**; 1 lb., **75c**; case (12), **\$7.00**.

Nico Fume Liquid—For greenhouse fumigation or spraying. 1 lb., **\$2.25**; 4 lbs., **\$5.75**; 8 lbs., **\$10.00**.

Paradow—For peach borer control. Apply Fall or Spring. Ask for directions if needed. Lb., **60c**; 5 lbs., **\$2.00**.

Paris Green—Most powerful poison for chewing insects. Used in making poison grasshopper bait. 1/4 lb., **18c**; lb., **50c**; 5 lbs., **\$2.25**.

Rotenone Garden Guard—Non-poisonous. An excellent dust for many sucking and chewing insects. We highly recommend it for use on all garden crops. 1 lb. sifter top carton, **35c**; 4 lb. bag, **75c**.

RODENT and WEED CONTROLS

All prices on this page are f.o.b. Salt Lake City, except where noted, and subject to change without notice. Write for prices on larger quantities than those listed below.



Kill All Offer No. 333

Includes one lb. of Bug-Dust-O-cide in duster package; one oz. of Evergreen, and one 4 oz. can Cyanogas Ant Killer, postpaid

\$1 15

Spray Soap (Fish Oil)—Increases the effectiveness of Nicotine sprays. 1 lb., **30c**.

"Stop" Tree Banding Compound—A narrow band around the tree trunk forms an uncrossable barrier to crawling insects. 6 oz., **35c**; lb., **65c**; 5 lbs., **\$3.00**.

Sulphur—For control of blight, mildew, and other fungus diseases, also Red Spider on evergreens. 2 lb. Acme Wettable Sulphur, **25c**. Powdered Bulk, 5 lbs., **50c**; 10 lbs., **85c**.

Tobacco Dust—Finely ground. Lb., **15c**; 10 lbs., **\$1.00**.

Tobacco Mulch—High grade ground tobacco stems containing natural plant foods and nicotine. Effective in deworming soil infestations. 25 lbs., **\$1.50**; 100 lbs., **\$5.00**.

Treheal—For sealing tree wounds. It sterilizes and forms a coating that will not crack or check regardless of temperature. Pt., **40c**; qt., **60c**; gal., **\$1.50**.

Volck—The best remedy for mealy bug which has heretofore been beyond control. It is effective, also, against Mite, Thrips, Red Spider, Aphis, White Fly, Mildew, and Scale Insects.

Garden— $3\frac{1}{2}$ oz., **35c**; pt., **85c**; qt., **\$1.25**.

Nursery—Pt., **50c**; qt., **75c**; gal., **\$2.00**.

Rodent Controls

Cyanogas—Is the world's best where a gas can be used. See page 88.

Rat Lunches—Successful rat exterminator, without danger to dogs, cats, or poultry. Packed in cellophane bags, 25 lunches for **50c**, postpaid.

Rat Scent—Is the most popular poison for rats and mice we know. Efficient, easy to use, and economical. 7 oz. pkg., **35c**; 13 oz. pkg., **50c**.

Sure Death Rodent Destroyer—Poison grains kill many beneficial birds, insects, and animals. Avoid these losses by using these safe, effective, low-price Sure Death products.

Sure Death Gas Balls—Where a large quantity of gas is needed. **10c** each.

Sure Death Tubular Destroyers—Where burrows are smaller. 2 for **15c**; doz., **70c**.

\$1,000 Guaranteed Roach Killer—Is universally known as the leading Roach and Water Bug killer. 3 oz., **35c**; 7 oz., **65c**.

Seed Grain Disinfectants

Copper Carbonate Dust (Cupro-Jabonite—Copper Carb. 18-20%)—Effective and available at a much less cost than Pure Copper Carbonate. 5 lbs., **85c**; write for quantity prices.

Blue Vitriol (Copper Sulphate)—Lb., **20c**; 2 for **35c**; 5 lbs., **75c**.

Ceresan—Dust disinfectant for wheat, oats, barley, etc. Lb., **70c**; 5 lbs., **\$3.00**; 25 lbs., **\$12.75**.

Semesan—A disinfectant for vegetable and flower seeds to reduce damping off; also treats Gladiola and other bulbs. $\frac{1}{2}$ oz., **10c**; 2 oz., **35c**; lb., **\$2.25**.

Semesan Bel—Will prevent or control the common seed borne potato diseases. 2 oz., **35c**; lb., **\$2.25**; 5 lbs., **\$9.90**; 25 lbs., **\$45.50**.

Semesan Jr.—A dust disinfectant for seed corns. 4 oz., **30c**; lb., **75c**; 5 lbs., **\$3.25**; 25 lbs., **\$14.00**.

Ask for free leaflet on any of above.

Weed Killers

Adco Weed Killer—For lawns. Eradicates weeds and does not injure the lawn—in fact, it stimulates it to a more luxuriant growth. It will do more in one hour than a month of labor digging out weeds. (1 lb. covers 100 sq. ft.) Non-poisonous. 3 lbs., **95c**; 25 lb. bag, **\$4.50**.

Atlacid (Chlorate Weed Killer)—Dissolved and applied as a spray. Apply 2 lbs. per sq. rod of solidly infested area. Full instructions are on each drum. 100 lb. drum, **\$12.00**.

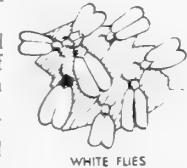
Pentox—A new preparation for the control of morning glory, dandelion, thistle, cocklebur, and similar weed pests. Dilute from one part to twenty to one part to one hundred, depending upon weeds to be eradicated. Full directions are on container. $\frac{1}{2}$ gal., **\$2.25**; $4\frac{1}{2}$ gal., **\$14.65**. (Not mailable.)

Weed Killer, Acme—Kills plant life for several years when sprayed on driveways, tennis courts, paths, etc. A few drops applied undiluted with a squirt bottom oil can will kill dandelions and similar weeds. Pt., **30c**; qt., **50c**; gal., **\$1.50**. Leaflets are available for many of above items; write for them.



Meo-181

A specific eradicator for Dandelion, Plantain, Crab Grass, and other Common Weeds. If by mail add extra for postage. Shipping weight, 10 lbs. per gallon.



EASE AND UTILITY TO SPRAYING

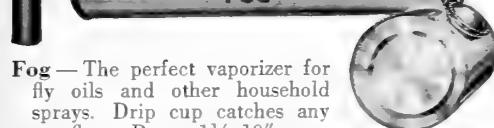
Our 1940 liquid hand pumps carry the latest developed NU-ACTION feature.

Hudson Glass Jar—G-3½



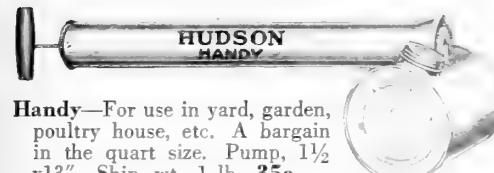
G-3½ Glass Jar—Household type for insecticides or disinfectants, fly spray, etc. 1½x8" pump, cap. 4½ oz. Ship wt., 1 lb. 20c.

HUDSON FOG



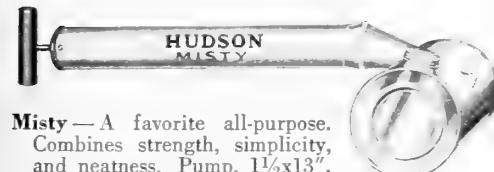
Fog—The perfect vaporizer for fly oils and other household sprays. Drip cup catches any overflow. Pump 1½x10", cap. ¾ pt. Ship wt., 1 lb. 30c.

HUDSON HANDY



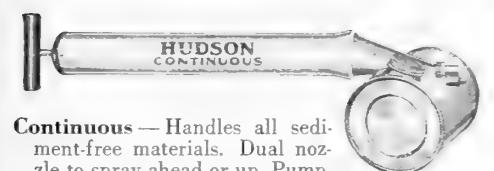
Handy—For use in yard, garden, poultry house, etc. A bargain in the quart size. Pump, 1½ x13". Ship. wt., 1 lb. 35c.

HUDSON MISTY



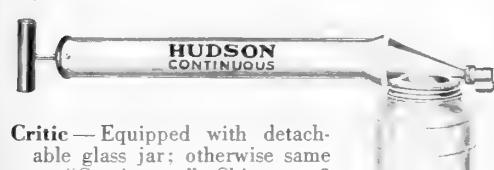
Misty—A favorite all-purpose. Combines strength, simplicity, and neatness. Pump, 1½x13". Quart. Ship wt., 1¼ lbs. 50c.

HUDSON CONTINUOUS



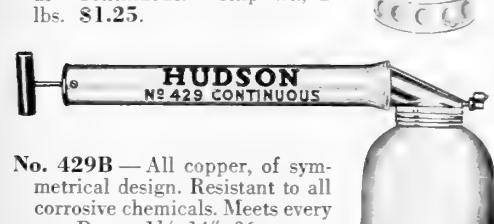
Continuous—Handles all sediment-free materials. Dual nozzle to spray ahead or up. Pump, 1½x14". Quart. Ship wt., 1½ lbs. 90c.

HUDSON CONTINUOUS



Critic—Equipped with detachable glass jar; otherwise same as "Continuous." Ship wt., 2 lbs. 81.25.

HUDSON № 429 CONTINUOUS



No. 429B—All copper, of symmetrical design. Resistant to all corrosive chemicals. Meets every use. Pump, 1½x14", 36 oz. cap. Ship. wt., 2 lbs. 81.90.

No. 765 Admiral Duster—Discharges a very fine or heavy cloud of dust. Economical for your high-priced dusts. Pump, 2¾x9½". Powder reservoir, 2¾x4½". 24" extension with straight or angle discharge nozzle. \$1.25.



No. 645 Duster—Meets all-around use. Whirlwind action, applies dusts in the desired volume. Pump, 1½x10"; reservoir, 4" diam., 2¾" high. 55c.



No. 660 Signal—A home favorite for insect control. Pump, 1½x11" over all. Postpaid price, 30c.

HUDSON SIGNAL

No. 660 Signal—A home favorite for insect control. Pump, 1½x11" over all. Postpaid price, 30c.

Improved Grun Duster

Large powerful leather bellows. No gears to wear—easy to operate. Practically indestructible. Agitator is positive; regulator is accurate. Bellows being double, insure a steady flow. The discharge pipe, with its adjustable spreader, will deliver a cloud of dust 20 ft. in the air if desired, or underneath the leaves close to the ground. Net wt., 17 lbs. Capacity 20-30 lbs. Each, \$18.50.



Spra-Bulb
Sprays liquids or powders. Waters fine seed, dampens clothes, dusts pets, etc. 50c.



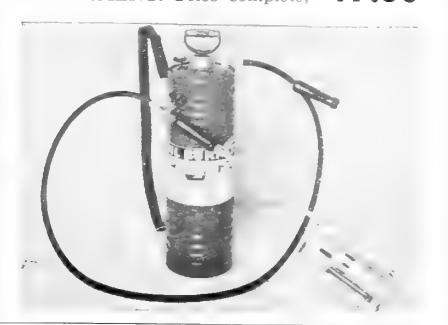
Flexsprabulb
Of unique construction, allowing the neck to be bent and remain at any desired angle. 75c

... now, the new improved— Aeroil No. 99 Weed Burner with the handy Drop Handle

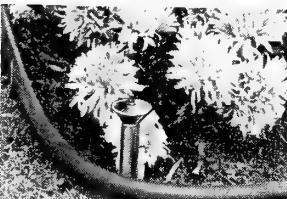
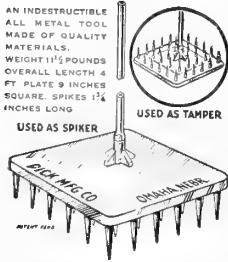
Destroy the weeds that infest your place with this new, improved Aeroil No. 99 Weed Burner. The terrific heat, 2,000° F., kills all weeds, ONCE AND FOR ALL—leaves, stems, roots, rootstocks. Burns kerosene or light furnace oil. LIGHT, COMPACT, PORTABLE. A handy tool of 101 uses—for destroying insect pests, disinfecting poultry houses, livestock quarters, utensils, etc. Simple, economical, ABSOLUTELY SAFE! SATISFACTION GUARANTEED. Used by over 50 Agricultural Colleges.

No. 99D Outfit consists of 4 gal. welded steel Fuel Tank, 2" Brass Pump, 60 lbs. Gauge, 7 ft. Thiokol Lined Oil-resisting Hose with brass nipples, Web Shoulder Strap, and Seamless Steel Tubing Coil Burner with valve and new, Easy-Action Drop Handle. Ship. Wt. 22 lbs. Price complete, \$15

No. 99DS Same as above, but with ALL BRASS SPRAY ATTACHMENT. Price complete, \$17.50



SPIKE TAMP



No. N-1—RAIN KING CHROME NOZZLE. Each, 70c.

ELECTRIC JUNIOR GARDEN HOSE



Will not kink and will last for years. We can supply any desired length fitted with couplings.

Lengths
25 ft. 50 ft.
Coupled Coupled

| BRAND | DESCRIPTION | 2 braid | 1/8 in. | Black | \$3.60 | \$6.80 |
|--------------|-------------|---------|---------|------------------|--------|--------|
| Electric Jr. | 2 braid | 1/8 in. | Black | \$3.60 | \$6.80 | |
| Standard | 1 braid | 1/8 in. | Red | 3.10 | 5.75 | |
| Standard | 1 braid | 1/8 in. | Brown | 1.85 | 3.45 | |
| Elec. Spray | 3 braid | 3/8 in. | Black | 25c ft. postpaid | | |
| Elec. Spray | 2 braid | 3/8 in. | Black | 20c ft. postpaid | | |

Above prices are f.o.b. Salt Lake City except where noted. If by mail add extra for postage on 2 braid 1/8 in., 25 ft. lengths, wt. 9 lbs.; 50 ft. lengths, wt. 18 lbs. "Standard," 1 braid, 50 ft. lengths, wt. 15 lbs.



Snap Coupling — Connects hose to faucet. Snaps on or off with ease. No leaks, no slips, no barked knuckles. 25c.

LIKE ALL NIGHT RAIN Really Soaks Your Soil!

Made of canvas, scientifically treated to prevent mildew. One end has standard coupling — attaches to hose; other end closed. Water seeps gently **throughout full length**, spreading over large area on all sides, **soaking the soil thoroughly!** No spray — no waste on walks, driveways, street — no loss of water by evaporation. Wonderful for parkings, terraces, roses, shrubs, flower-beds—ideal for lawns! Much better than light surface-sprinkling.

Three Home Sizes, postpaid—No. 0, 12 ft., \$1.25 each; No. 1, 18 ft., \$1.75 each; No. 2, 30 ft., \$2.75 each.

If it's for the Garden
—we have it.

SOIL SOAKER



PROTECT YOUR HANDS

with these

Washable, Soft-Leather GLOVES

Give you everything you want in a garden glove.

All-Leather SOFT AS KID Durable ECONOMICAL

Being all-leather, Eezy Wear gloves give complete protection against dirt, scratches, bruises, stains, infections. Yet their amazing softness and pliability, the result of a special processing, make them extra comfortable. Cling to the hands and practically give you BAREHAND FREEDOM.

Economical, too—outwear 6 pairs of ordinary fabric gloves, are washable and can be used the year round for—GARDENING, HOUSEWORK, PAINTING, FURNACE, GARAGE, ETC.

National Eezy Wear Garden Gloves

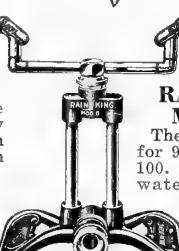
Sizes for WOMEN (small, medium, large) and MEN (small, medium, large). Price, 75 cents a pair, postpaid. (2 pr. \$1.40.)

RAIN KING Model 'G'



Brass Spike Sprinkler No. 150 — This little sprinkler is easy to use and will throw a lot of water over a wide area in a uniform spray. 15c

Model G — New type home lawn sprinkler that throws every known kind of spray over circles 12 to 65 ft. Turns slow or fast on level ground, slopes, or in high winds. Can't stall. Throws more water and spreads it better. \$4.45 each.



RAIN KING Model 'D'

The ideal sprinkler for 99 homes out of 100. Throws more water — farther. Built right for years of use. \$3.10 each.

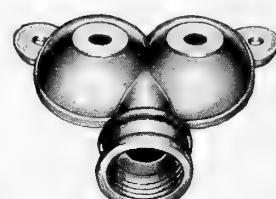


Hand Spray No. 302 — Wrought brass. Throws a wide, flat, very soft spray. Fine for flowers and delicate foliage. 33c.

Whirling Shower — Similar to "Rain King." Lighter construction, \$1.00 each.



Nozzle No. 50 — Adjustable for spray or straight stream. Throws a stream a long distance; sprays over wide area. 23c.



Twin Sprinkler No. 151 — Furnished on a stand making it tip-proof. Covers a large area thoroughly. 50c.

Trimsnip Hedge Shears—America's finest shear with teeth and notch. Steel extends full length of handles. Ship. wt., $2\frac{1}{2}$ lbs.

STO—7 in. blade.....\$2.10
STO—8 in. blade.....2.50

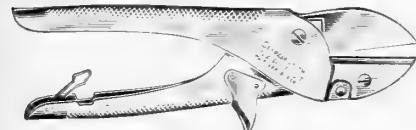
OFFSET HANDLE GRASS HOOKS



Ship. Wt.
1 lb.

No. 3—
Full polished,
perfect blades.
Each, 65c

No. 35—Full-polished wide blades. Rose-wood handle. Each, 85c.

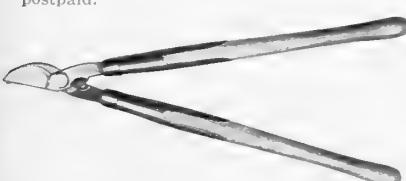


Snap Cut Pruner—Very powerful—will cut the hardest wood.
No. 118—Small size.....\$1.25 postpaid
No. 119—Large size.....2.00 postpaid

No. 128 Snap Cut Flower Picker—
Cuts and holds flowers effectively. Also ideal rose pruner. \$1.50, postpaid.



Wiss FH2—Cuts and holds flowers perfectly. "The Garden Club" shear. \$1.10, postpaid.



No. 055 Long Handle Pruner—28 in. overall. Cuts $1\frac{1}{2}$ in. branches. Ship wt., $3\frac{1}{2}$ lbs. \$2.40.

GRASS SHEARS



No. 5600R (See cut)—The best. Steel-tempered blades, easy cutting, light weight, with rubber handles. \$1.50, postpaid.

No. 1—Hollow ground, polished blades of best cutlery steel. \$1.25.

No. 4—Natural finish. Each, 65c; postpaid, 70c.

PRUNING SHEARS

Ship. Wt., 1 lb.



No. 149—Full polished blades. Each, \$2.00.

No. 1409—Green enameled. Each, \$1.25.



No. 179—
All steel.

\$1.20

No. 126—Ladies' Rose Pruner. Each, 60c postpaid.



No. 808—Unquestionably the finest professional pruner. Light weight from drop-forged steel, polished blades, comfortable grip with "no pinch" feature. \$2.65.

GRASS SHEARS



Rubber grip, polished blade. Each, \$1.15; postpaid, \$1.20

PRUNING SAWS

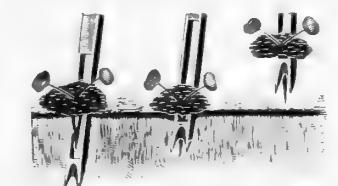


No. 312 California Pattern Saw—A fine, easy, fast cutter, 12 in. blade. Ship wt., 1 lb. \$1.25.

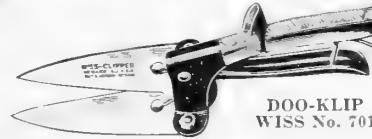


No. 5145—14 in. blade. Ship wt., 1 lb. \$1.50.

"OUT-YOU-KUM" WEED PULLER No. 35



Handle is $3\frac{1}{2}$ ft. long, making it easy to operate. Ship. wt., 2 lbs. Each, 75c.



DOO-KLIP
WISS No. 701

Wiss No. 701—None better. Adjustable nuts allow blades to spread for resharpening; equipped with new Grip Guard. Ship. wt., 1 lb. \$1.35.

Snip-Itt—Good mechanical features in case-hardened steel. Red enamel handles. Ship. wt., 1 lb. 85c.

Long Handle Doo-Klip—Like above except long-handled. Saves stooping. Rolls on wheels. \$2.50.

DIBBLE



No. 2219—With steel point, wooden handle. Ship wt., 1 lb. Ea., 60c.

TROWELS

Ship. Wt., 8 oz. Each



No. 7—
One piece, all
aluminum.
Each, 70c

No. T-5—Pressed steel. Each, 15c.
No. T-4—Pressed steel. Each, 15c.



No. T-20—
Rolled steel.
Each, 25c.

Du-All Trowel—Measured in inches to tell how deep you are planting. Reinforced below handle; includes planting chart. 45c.



Five Fingered Weeder—Each 20c, postpaid.

DANDELION DIGGERS

Ship wt., 8 oz. each



No. 219—Heavy, Each, 40c.
No. 0—Light, Each, 30c.



SPADING FORK No. F-30

3 solid, flat tines.
Ship. wt., 8 oz.
Each, 50c.



TIP-TOP TREE TRIMMERS

No. 1312—12 ft. long in four sections, strong spruce poles, positive joints, and reinforced cutting head. Rope included. Ship. wt., 7 lbs. Without saw, \$2.50.

No. 1300 Saw—to attach to 1312 Trimmer, \$1.00, postpaid.

LAWN AND DANDELION RAKE

Cleans lawns and will exterminate dandelions by cutting off the blossoms before seed can mature. A one-piece, $15\frac{1}{2}$ in. steel head bolted to a 5 foot handle. Ship. wt., 3 lbs. \$1.10.



SOWRITE SEED SOWER

Sows Seeds at a Touch

It scatters seeds individually and prevents crowding and choking of the seedlings when coming up. 50c postpaid.

Hole-In-One Planter—Time-saver for planting bulbs and plants. Push down, twist, and pull out. Leaves a clean, round hole. Ship. wt., 1 lb. 55c.

FLAT TOP TURF EDGER

The flat top or foot rest makes turf and sod cutting or sidewalk edging a quick and easy task. 9 in. blade 4 ft. handle. Shipping wt., 3 lbs. \$1.10.



FLAT TOP TURF EDGER

Shipping wt., 3 lbs. \$1.10.

Harris Plant Bands

They are the only really Ready-to-Use bands on the market. There are no locks to put together, no tacks to drive, no folding of corners.

| | |
|-----------------------------|------------------------------|
| 2B Plant Bands, 2x2 in..... | \$1.10 per 250; \$3.00 per M |
| 3B Plant Bands, 3x3 in..... | 1.50 per 250; 4.65 per M |
| 4B Plant Bands, 4x4 in..... | 1.90 per 250; 5.70 per M |



Bird's IMPROVED NEPONSET Flower Pots



Made of a tough, waterproof paper that retains moisture satisfactorily.

| | Doz. | Per 100 | Per 1000 | Wt. of 1000 pots about |
|---------------------|--------|---------|----------|---------------------------|
| 2 1/2-in. pots..... | \$.15 | \$.75 | \$ 5.50 | 17 lbs. |
| 3-in. pots..... | .18 | .90 | 7.50 | 23 lbs. |
| 4-in. pots..... | .25 | 1.50 | 12.00 | 46 lbs. |
| 5-in. pots..... | .30 | 2.00 | 15.00 | 80 lbs. |
| 6-in. pots..... | .45 | 2.50 | 20.00 | 110 lbs. |

Clay Flower Pots

Prices are f.o.b. our store. Packed for shipping add 20 per cent. Minimum packing charge 50 cents. While we take every precaution to pack pots so that they will arrive at destination safely, we do not guarantee against breakage in transit and will not replace any pots that are broken on arrival. We advise against shipping by parcel post.

| | Each | Per Doz. | Per 100 |
|--------------------------------|--------|----------|---------|
| 2 1/2-inch Standard..... | \$.05 | \$.45 | \$ 2.50 |
| 3 -inch Standard..... | .07 | .50 | 3.00 |
| 4 -inch Standard and Bulb..... | .07 | .60 | 4.00 |
| 5 -inch Standard and Bulb..... | .10 | .85 | 6.00 |
| 6 -inch Standard and Bulb..... | .15 | 1.25 | 8.00 |
| 7 -inch Standard..... | .25 | 2.00 | 13.00 |
| 8 -inch Standard..... | .35 | 3.30 | 23.00 |
| 10 -inch Standard..... | .60 | 6.00 | 45.00 |
| 12 -inch Standard..... | 1.00 | 11.00 | |

If saucers are desired add $\frac{1}{3}$ extra to above prices.

Wire Hanging Baskets

Made of heavy wire painted green and three supporting wires and a hook at top to hang it by.

| | Each | Doz. |
|-----------------------|--------|---------|
| 8-inch diameter..... | \$.35 | \$ 3.50 |
| 10-inch diameter..... | .40 | 4.00 |
| 12-inch diameter..... | .50 | 5.00 |
| 14-inch diameter..... | .60 | 6.00 |
| 16-inch diameter..... | .70 | 7.00 |

Florists' Moss

Suitable for use in lining hanging baskets and for packing perishable plants. $\frac{1}{2}$ lb., 25c; 1 lb., 40c; 5 lbs., \$1.15, postpaid. Original, 18x22x24 in., \$2.75; Bales, 18x22x40 in., \$4.00; tightly compressed, f.o.b. Salt Lake.

Raffia

Natural, in skeins weighing from $1\frac{1}{2}$ to $2\frac{1}{2}$ lbs.; excellent for tying up plants, grafts, etc., in original skeins. Per lb., 45c; less original skeins, per lb., 50c.



SEE...
JUST A
SIMPLE
TWIST OF
THE WRIST
AND THE
PLANT IS TIED

'Twist-ems' are dark green strong tapes with wire reinforcing that make perfect planties. Place 'Twist-ems' around stem and support. Twist ends between thumb and

finger. In a "flash" the stem is securely tied.

Box of 125, 8-inch size..... 25c
Box of 250, 4-inch size..... 25c

For Nurserymen, packaged as follows: Quantity per ctn.—4-in. size, 5000; 8-in. size, 5000.

'TWIST-EMS'

| PAINTED | Price per 100 | Price per 1000 | PLAIN | Price per 100 | Price per 1000 |
|--------------|---------------|----------------|---------------------------------|---------------|----------------|
| 4 inch..... | \$.40 | \$ 3.00 | 4 inch..... | \$.25 | \$ 2.50 |
| 6 inch..... | .55 | 3.75 | 6 inch..... | .40 | 3.10 |
| 8 inch..... | .75 | 5.50 | 8 inch..... | .70 | 5.00 |
| 10 inch..... | 1.10 | 9.50 | 10" x $\frac{1}{8}$ " x 1"..... | .95 | 8.00 |
| | | | POSTPAID | | |

Tree Labels



PAINTED

| | Price per 100 | Price per 1000 |
|------------------------------|---------------|----------------|
| 3 1/2 inch Copper Wired..... | \$.50 | \$ 3.25 |
| PLAIN | | |
| 3 1/2 inch Copper Wired..... | .40 | 2.75 |

POSTPAID

Plant Stakes

Green Bamboo Stakes—For supporting tall plants—

| | Per doz. | Per 100 | Per 250 | Weight |
|---------------------|----------|---------|---------|------------|
| 2 ft. long..... | 10c | 60c | \$ 1.10 | 2 lbs. |
| 2 1/2 ft. long..... | 15c | 65c | 1.40 | 2 1/2 lbs. |
| 3 ft. long..... | 20c | 75c | 1.75 | 3 lbs. |
| 4 ft. long..... | 25c | 90c | 2.00 | 4 lbs. |
| 5 ft. long..... | 35c | 1.35 | 3.00 | 5 lbs. |

Dahlia Stakes—5 ft. x 1 inch x 1 inch, pointed, painted green. Each, 18c; doz., \$1.80; per 100, \$13.50.

Brandt's All-Metal Markers

Will not rust or corrode and when marked with the B-200 marking fluid, no amount of exposure can destroy the marking. All wire standards are approximately 18 inches in length.

| Item | Price |
|-------------------|--------|
| B-200, each..... | 25c |
| B-201, each..... | 3 1/2c |
| B-202, each..... | 6c |
| B-203, each..... | 5c |
| B-204, 5 for..... | 5c |
| B-205, 4 for..... | 5c |
| B-206, 3 for..... | 5c |
| B-207, 2 for..... | 5c |
| B-208, each..... | 10c |
| B-209, each..... | 10c |
| B-210, each..... | 3 1/2c |
| B-211, each..... | 3 1/2c |



No. G07

Prices Not Prepaid—Each

| | |
|-----------------------------------|---------|
| No. G07—Garden Hoe (Steel)..... | \$ 1.25 |
| No. TE—Turf Edger (Steel)..... | 1.10 |
| No. B16—Garden Rake (Steel)..... | 1.50 |
| No. B14—Garden Rake (Steel)..... | 1.35 |
| No. OHL—Spading Fork (Steel)..... | 1.75 |
| No. P.O.L.D.—Spading Fork..... | 1.25 |
| No. A62—Spade (Steel)..... | 1.75 |
| No. L.D.R.—Dandelion Rake..... | 1.10 |
| No. 52—Shovel (Rd. Point)..... | 2.00 |
| Bamboo Lawn Rake (strong)..... | .25 |



"Norcross"
Cultivator-Hoes
and Weeders

Will cultivate closer to plants without injuring them than any other type of implement known.

Three Sizes and Prices

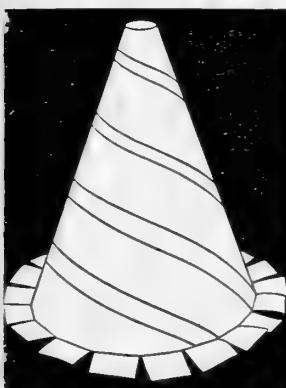
5-prong, 4 ft. handle, wt. 3 lbs..... \$1.25

3-prong, 4 ft. handle, wt. 2 lbs..... 1.00

"Midget," 9 in. handle, wt. 12 oz..... .60

3 Weeks Earlier to Market

Ofttimes in itself pays the cost of plant capping. They do more—They protect against frost, rain, hail, wind, and insects. This spells GREATER PROFITS TO YOU.

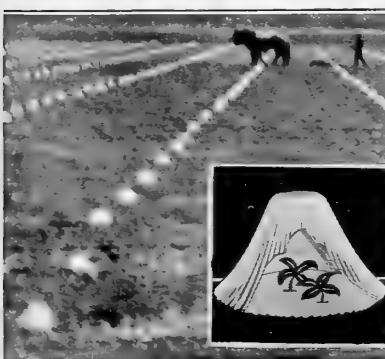


Sage Hi-Cap



over seed or plants. They are especially suitable for use with vine crops, also valuable for protecting many varieties of flowers.

| Quantity | Weight | Price |
|--|---------|---------|
| 25 with Cardboard Setter | 2 lbs. | \$.50 |
| 100 with Metal Setter | 5 lbs. | 2.75 |
| 250 with Metal Setter | 9 lbs. | 4.00 |
| 250 without Metal Setter | 8 lbs. | 3.10 |
| 1,000 | 28 lbs. | 10.50 |
| Lots of 5,000 or more shipped freight prepaid. | | |
| 5,000, per M. | | \$10.35 |
| 10,000, per M. | | 10.25 |
| Steel Setter and Tamper, each | | 1.50 |
| Garden Setter alone | | .50 |
| Steel Tamper alone | | .25 |



Hot Caps

Are made of a special waxed paper, 12 in. in diameter and 6 in. high—all ready to place

over seed or plants. They are especially suitable for use with vine crops, also valuable for protecting many varieties of flowers.

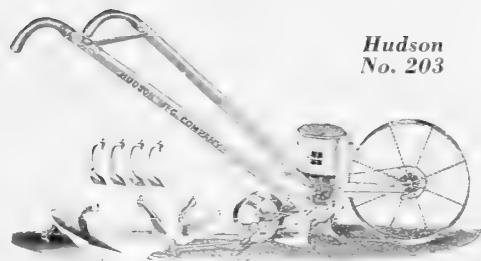
| Quantity | Weight | Price |
|--|---------|---------|
| 25 with Cardboard Setter | 2 lbs. | \$.50 |
| 100 with Metal Setter | 5 lbs. | 2.75 |
| 250 with Metal Setter | 9 lbs. | 4.00 |
| 250 without Metal Setter | 8 lbs. | 3.10 |
| 1,000 | 28 lbs. | 10.50 |
| Lots of 5,000 or more shipped freight prepaid. | | |
| 5,000, per M. | | \$10.35 |
| 10,000, per M. | | 10.25 |
| Steel Setter and Tamper, each | | 1.50 |
| Garden Setter alone | | .50 |
| Steel Tamper alone | | .25 |

Crinkle Plant Covers

Perfect construction—no folds or loosened joints, no stapling or gluing, no corners. The rounded crinkles leave nothing for the wind to grasp. Crinkle Plant Covers are made of especially treated material

selected after tests of 23 different materials in order to satisfy all the practical needs as brought to us by farmers. Thoroughly tested over a period of 20 years to withstand all weather extremes. No plant cover is easier to set. The material is porous and admits necessary plant breathing and diffuses the sun's rays evenly within the cover. No leaves are frozen, scalded, burned, or yellow around the edges with Crinkle Plant Covers.

| 1,000 | Ship wt. 31½ lbs. | Per 1000 |
|--------|------------------------|----------|
| 5,000 | Transportation Prepaid | 10.00 |
| 10,000 | Transportation Prepaid | 9.25 |



Hudson No. 203



Hudson No. 229

Hudson Garden Cultivator No. 229

229—Single wheel cultivator. Consists of a pair of surface hoes and four cultivating teeth. Hoes and teeth all of carbon steel. Shipping wt., 21 lbs. Each, \$6.65.

Hudson Cultivator No. 228—Same as the No. 229 plus a set of hillling plows. The wheels on both may be set in the center for cultivating between the rows or offset to cultivate both sides of a single row. Ship wt., 23 lbs. Each, \$7.60.

Hudson Garden Plow No. 448—Fitted with Double Pointed Shovel for wide or narrow work. Cloverleaf Sweep for surface cultivation and 5-tooth Cultivator with special plow steel teeth, malleable. Ship. wt., 19 lbs. Each, \$4.60.



Cyclone Seed Sower

A good large sower that meets the most exacting demands. Hangs by strap over shoulders of operator. Hopper-sack has 1½ bu. capacity. Broadcasts evenly all varieties of grain and grasses. Wt., 4 lbs.

Price—Each, \$2.50. If by mail add 25c ex. for post.

Cyclone Combination Fertilizer and Seed Sower—Just like the Cyclone above except this machine is larger with extra heavy gears and bushed bearings. Sows seed perfectly and will distribute granular fertilizers at 100 to 300 lbs. per acre in a strip a rod wide as fast as a man can walk. Ship. wt., 6 lbs. Each, \$3.75.

ECLIPSE

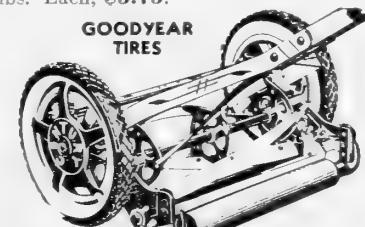
Vital Distinctions

These machines for the home lawn are unsurpassed in quality, durability, and the perfection of working parts.

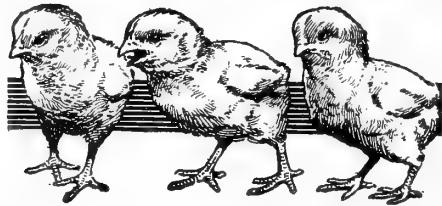
(Prices all f.o.b. Salt Lake City)

| Model | Size | Blades | Tires | Each |
|------------|---------|--------|----------------|---------|
| Eclipse L | .16 in. | 5 | Pneumatic | \$19.95 |
| Eclipse L | .16 in. | 5 | Semi-Pneumatic | 18.50 |
| Zephyr | .16 in. | 5 | Pneumatic | 14.95 |
| Arlington | .16 in. | 5 | Solid Rubber | 9.00 |
| Midwest | .16 in. | 4 | Standard | 7.05 |
| Rio Grande | .16 in. | 5 | Standard | 7.35 |
| Rocket | .20 in. | 5 | Power Motor | 80.00 |
| Park Hound | .21 in. | | Power Mower | 115.00 |

Grass catchers furnished for any above at \$1.35 ea. except the power motor.



P.-W.'s Chicks — Poultry Supplies



Baby chicks are a great specialty with us. We recommend the raising of our day-old chicks as the most satisfactory way of establishing a new flock of poultry, or of renewing an old flock, for utility purposes.

We are agents of the leading hatcheries and can furnish most any quantity and breed. As prices fluctuate greatly from month to month, kindly write for our Special List of Breeds and Prices; which will be sent by return mail.

MAKOMB STOVE BROODERS

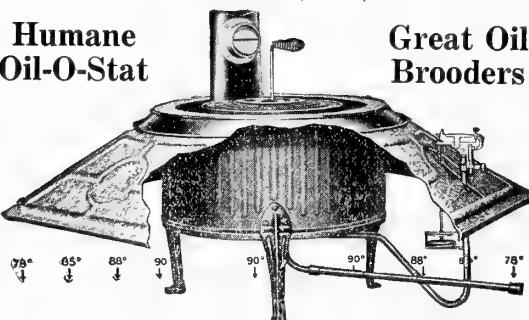
Burn hard or soft coals. They have a heavy massive base and ash pit and tapering one-piece barrel with heavy flues extending from the top to the bottom, increasing heat radiation and extracting more heat from the fuel. The stove construction is of gray cast iron throughout. It will take care of the sticky tarry fuel as well as the coals. Removable Baffle Plate, Self Cleaning Cover, Two-Way Damper, Base Ventilators, as well as a most conveniently constructed canopy makes this stove the leading coal burner on the market today.



| Number | Canopy Size | Actual Capacity | Coal Capacity | Weight | Price Each |
|---------|-------------|-----------------|---------------|----------|------------|
| B7-1356 | 56 in. | 700 | 77 lbs. | 150 lbs. | \$29.65 |
| B7-1365 | 65 in. | 800 | 77 lbs. | 156 lbs. | \$30.70 |

Brooder Stove Pipe—Formed with lock seam which is easily and securely put together. 30 ga. Standard Black 24 in. lengths, 4 in., 20c each; 5 in., 25c each.

Humane Oil-O-Stat



The Humane Oil-O-Stat alone can provide all chicks at the same time with protective temperatures and reduces fuel used by 40%, eliminating heat waste. Advantages of these machines: Easy-Clean Attachment—Base Heat Deflector—Cast Iron Legs—Quick Accessibility to Burner—Safety Valve Overflow—Tilting Canopy—Quick Removable Inner Drum—Average fuel consumption less than 2 gallons of distillate or kerosene in 24 hours.

| Number | Canopy Size | Day Old Chick Capacity | Actual Chick Capacity | Shipping Weight | Price Each |
|---------|-------------|------------------------|-----------------------|-----------------|------------|
| A8-1956 | 56 in. | 1200 | 600 | 80 lbs. | \$21.95 |
| A8-1965 | 65 in. | 1500 | 1000 | 83 lbs. | \$22.95 |

If what you wish is not found in this list—ask for it—we can secure it



Mason Jar Fount

Mason Jar Founts

Star Fount—For milk or water. Fits Mason Jars. 8c each.

Round or Screw Type—Rust-resisting; galvanized. For water, 10c each.



Star Fount



Snap-On Fount



5 and 8 Gallon Type

Glass Type—Easiest to clean. Use for all liquids. Best quality glass. 12c each.

Snap-On Founts—For baby chicks, they are fine. Scalloped edges prevent crowding, keep chicks out of water. Heavy galvanized. 5 qt. size, 75c; 2 gal., \$1.00.

3 Gallon Fount—Clip-on pan makes it easy to fill. Heavy galvanized. Height, 12½ in.; diameter, 11 in. Has handy carrying bail. \$1.55.

5 Gallon Fount—“Hot-Dipped Galvanized.” Easy to fill and clean. Float controlled with double acting, 5½ in. diameter float. High quality at low cost. \$2.75.

8 Gallon Fount—Same construction as the 5 gallon. \$3.15.

Poultry Feeders



Economy Feeder

Economy Feeders—Replace the old type flat top 10-20 hole type. Keeps cleaner as chicks cannot walk on feeder. Made of one-piece steel. Trough is 3½ in. wide, 1 9/16 in. deep, 10 in., 15c each; 16 in., 20c each; 20 in., 25c each.



Thrifty Feeder

Thrifty Feeders—Folks will appreciate their quality. Edges are folded and carry a feed-saving flange. Ends double lapped, securely locked. 8¾ in. wide, 2 in. long, 46c each.

Thrifty Feeders with exclusive Snap-lock adjustable stands make these splendid feeders usable for all ages. 24 in. long, 48c each; 36 in. long, 60c each.



P.-W.'s Chicken Catcher

A handy tool around every poultry coop. 46 inches over all. Made of light but sturdy flexible steel; hardwood handle. 25c.

Spotlight Tester
A rapid and efficient egg candler. Each, \$2.00.



Double Wafer Brass Thermostats—With Universal stud, making it fit any brooder or incubator. 30c each; 2 for 55c.



OFFERED NOW FIRST TIME!

The Latest Development In Glass Substitutes

Crystal Clear Transparency. Allows More Light, Permits Easy Inspection. Durable... Economical... Satisfaction Guaranteed.

ADMITS OVER 60% ULTRA VIOLET!
SHATTER-PROOF
WEATHERPROOF

Won't stick, become brittle, or discolor. No wax, oil, or paraffin.

Unquestionably one of the newest and most economical glass substitutes offered today.

VITAPANE comes in 50-ft. rolls, 36 in. wide, packed in individual carton.

PRICE

Running foot, 36 in. wide, 18c per foot. Shipping wt., 10 running feet, 2 lbs.; 50 feet, 10 lbs.

Celo-O-Glass

An unbreakable material that is neither glass nor wire cloth, yet combines the transparency of glass with the toughness of metal. Put up in rolls 3 ft. wide up to 100 ft. long. Per running ft., 45c; 10 ft., \$4.25; 100 ft., \$40.00. Shipping wt., per running ft., 9 oz.; 25-ft. roll, 14 lbs.; 50-ft. roll, 26 lbs.

Glass Cloth or Suntex

Glass Cloth is a strong fabric treated by a patented process to make it transparent, weather-proof and water-proof. It costs much less than glass and for many purposes is superior. It comes in rolls 36 inches wide and any length. Yard, 30c; 10 yards, \$2.50; per roll of 100 yards, \$22.50. Shipping wt., 10 yards, 7 lbs.; 100 yards, 57 lbs. Mailable.



Automatic Float Valve

For regulating running water. Can be attached to any city water line, farm water tank, supplying fresh water automatically, \$1.00 each.



Thermometers

| | Pstd., Each |
|--|-------------|
| No. 5873—Incubator, retested and certified | \$1.25 |
| No. 5776—Incubator-Brooder with legs | .75 |
| No. 5792—Brooder | .75 |
| No. 5440—Tin Scale—All Purpose | .40 |
| No. 5131—Outdoor All-purpose | .50 |

Nest Eggs

Lime Nest Eggs—Unbreakable and natural in shape and color. Price, 5c each; 40c per dozen. Wt., 2 lbs. per dozen. Postage extra.

Porcelain—Best grade, strong and durable. Each 5c: dozen, 35c. Weight, 1/4 lb. per dozen.

Leg Bands

Single Coil Spiral Colored Bands



Made of celluloid in six different colors, black, red, green, yellow, cerise and dark blue; for every breed of poultry, pigeons and baby chicks. Please state breed when ordering.

| Size | 50 | 100 | 1600 |
|-------------------------|-------|-------|--------|
| No. 4—Day Old Chick | \$.25 | \$.45 | \$3.00 |
| No. 5—Pigeon | .25 | .45 | 3.20 |
| No. 8—Mediterranean | .30 | .50 | 3.80 |
| No. 9—Ex. Mediterranean | .30 | .55 | 4.00 |
| No. 11—American | .35 | .60 | 4.40 |
| No. 12—Asiatic | .40 | .75 | 5.50 |
| No. 14—Turkey | .55 | 1.00 | 7.50 |
| No. 16—Turkey Tom | .75 | 1.40 | 10.00 |

Flat Leg Bands

Bevel ended with spring clip pattern, giving band a neat jointless appearance, leaving nothing unprotected. Inside being smooth, the legband cannot hurt the bird. Five colors, blue, red, yellow, green and pink. Furnished in sets—1 to 25, 1 to 50 and 1 to 100.

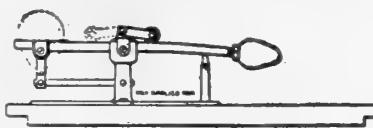
| Size | 50 | 100 | 1000 |
|---------------------|-------|--------|---------|
| No. 6—Pigeon | \$.90 | \$1.60 | \$13.50 |
| No. 9—Mediterranean | 1.00 | 1.80 | 16.50 |
| No. 11—American | 1.00 | 1.80 | 16.50 |
| No. 12—Asiatic | 1.10 | 2.00 | 17.00 |



Adjustable Leg Bands

Champion—Adjustable—Prices—25 for 30c; 50 for 60c; 100 for 75c, postpaid.

Colored Adjustable—In four colors: blue, red, yellow and green; numbered from 1 to 100. Price—25 for 35c; 50 for 60c; 100 for \$1.15.



Egg Scales Reliable

Grades eggs quickly, easily and exactly. Has a quick double shift, just a flip of the finger, and you can get all weights required with the one shift, thereby taking the place of two scales. Price—\$2.65 each. Postpaid, \$2.75.

Poultry Remedies

Geo. H. Lee Co. and Pratt Food Co.—We are general agents for these two leading remedy manufacturers. Write for the Lee or Pratt's free booklet, "Poultry Diseases and Treatment."

Germozone—The regular use of Germozone in the drinking water stops the spread of germs or bacteria. Many other uses. 4 oz., 40c; 12 oz., 75c; 32 oz., \$1.50; 1/2 gal., \$2.50; 1 gal., \$4.50.

Gizzard Capsules—Worms are the biggest hazard in raising poultry. Gizzard Capsules are effective against all three types of worms.

Adult Size—50 caps., 75c; 100 caps., \$1.25.

Pullet Size—50 caps., 50c; 100 caps., \$1.00.

Poultry Regulator—Mixed with the mash it supplies mineral and vegetable elements. Hens lay better. 24 oz., 30c; 4 lbs., 65c; 12 1/2 lbs., \$1.75; 25 lbs., \$3.25; 100 lbs., \$10.75.

Roost Paint—Apply to roost in evening. Fumes destroy lice and mites. 1/2 pt., 85c; 1 pt., \$1.50; 1 qt., \$2.25.

Pratt's Disinfectant—Powerful germicide and Stock Dip. Pt., 35c; qt., 50c; gal., \$1.45.

Louse Powder—Keeps fowls free of lice and mites. 1 lb. can, 25c; 2 1/2 lb. can, 50c.



Birds and Supplies

CANARIES—St. Andreasburg Rollers—Our imported St. Andreasburg Rollers with their soft, pleasing, beautiful bell-notes, will surely become a real joy in any home. The prices of these wonderful songsters are from **\$7.50** to **\$15.00** each. Some extra select at **\$20.00** each. The colors of these birds range from pure yellow to a dark green. We supply females at **\$2.00** to **\$5.00** each.

Warblers and Choppers—The song of these canaries is louder than the Roller, but beautiful in its variation. Many like them equally as well as the Rollers. The prices range from **\$5.50** to **\$10.00**. Extra select for training and breeding purposes at **\$15.00**. Females at **\$2.00** to **\$3.00**.

While we can supply birds the year through we cannot furnish them in full song during the Summer and Early Fall molting seasons.

We have a large stock of birds, including: Parrots, Macaws, Java Sparrows, Finches, Paroquettes or Love Birds, etc. Write for prices.

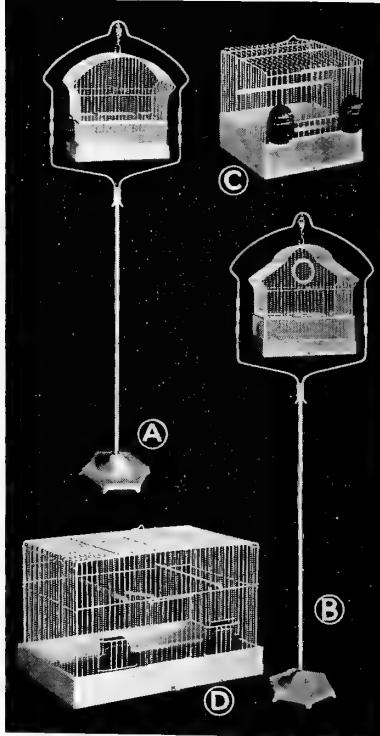
Bird Cages

The price range is all the way from **\$1.50** to **\$20.00** each. In case you wish to leave the selection with us, if you will kindly tell us the amount you wish to pay and the color desired, we will guarantee to please you.

Economy Combination Cage and Stand No. A (with outside cups). Cage is 13 inches long, 10 inches wide, 14 inches high, fully equipped with cups, swings and 4 perches. Stand is 66 inches high. Price: Cage **\$2.00**; Stand **\$2.00**. Combination offer, **\$3.75**.

Morsong Combination Cage and Stand No. B (with inside cups). Both Cage and Stand same size as "Economy." Price: Cage, **\$2.25**; Stand, **\$2.25**. Combination offer, **\$4.25**.

Both of the above are carried in Green, Blue, Red, Black, Bronze, Orchid, Silver and Orange—all trimmed with Gold. Also Ivory and Green.



Breeding Cages

With Solid and Wire Partitions, and Metal Drawer. Complete with 3 glass cups, 6 perches and 2 nests.

No. 55—18x11 in., height 13 in. Each.....**\$4.00**

No. C—(see cut)—Stock Cage 9x9x9 in. Each.....**1.50**

No. D—(see cut)—Flight Cage, 16x10x10 in. Each.....**2.25**

No. 183—Bird Mangers (Hook on) for Lettuce, Nesting Hair, etc.**.15**

No. 1353—Canary Songsters, Metal Bird Training Whistles**.20**

No. 93—Canary Nest Eggs (Made of Porcelain)**.02**

No. 1244—Gravel Paper, 9x12 inches, 9 sheets in package**.15**

No. 1—Closed Shell Cups, Rib Design, White**.10**

No. 16—Canopy Top Cups (Medium) White**.10**

No. 47—Oblong Treat Cups (Medium) White**.05**

No. 104—Sloping Sides Cups, 3 1/8 inch Back, Large**.15**

No. 810—Cage Hooks (Nickel Plated) 10 inch loose. No screws**.15**

No. 419—All Celluloid Outside Bath, large (assorted colors)**.30**

No. 712—Bird Cage Springs (12 coils) Assorted colors**.10**

No. 10B—Bird Nets (10 inch) 18 inch handle.**.35**

No. 1017—Cuttle Bone Holder**.10**

No. 1—Wire Nest (Swivel Type) 4 in.**.10**

No. 4—Wire Nest (Hook on Type) 4 1/2 in.**.20**

| | |
|--|-----|
| Bird Biscuit | .10 |
| Bird Ointment | .30 |
| Canaradyne, wheezing and Asthma, per bottle | .25 |
| Coloring Pepper | .25 |
| French's Bird Seed and Biscuit, 10-oz. pkg., each | .25 |
| French's Canary Exercise Balls | .25 |
| Lice and Mite Powder, with guns | .25 |
| Leg Bands for Birds, numbered, per doz. | .20 |
| Nestling Food, Spratt's, package | .30 |
| Orange Color Food | .25 |
| P.-W.'s Parrot Food, mix for parrots, 2-lb. pkg. | .45 |
| Song Restorer, valuable tonic | .25 |
| Ask for Free Booklet on Care of Birds—when ordering. | |

Bird Seed, Etc.

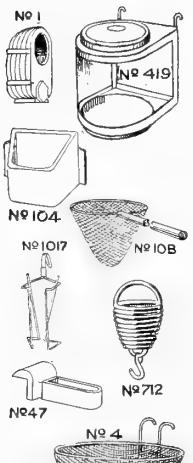
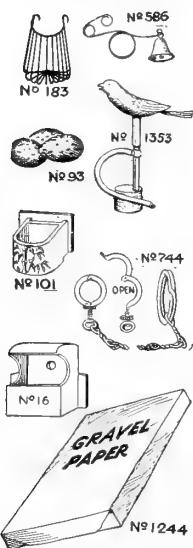
Not Prepaid, add postage if by mail

| | |
|---|-------|
| Canary Seed, recleaned, 2 lbs., 35c | \$.20 |
| Cuttle Bone, 5c a piece, 1/4 lb., 25c | .85 |
| Flax Seed, medicinal laxative, 1/2 lb., 10c | .15 |
| Hemp Seed, recleaned, sterilized, 2 lbs., 25c | .15 |
| Maw Seed (Poppy), recleaned, 1/4 lb., 15c | .40 |
| Millet Seed, large yellow, 2 lbs., 25c | .15 |
| Rape Bird Seed, Imported, 2 lbs., 35c | .20 |
| Sunflower Seed, 2 lbs., 25c | .15 |
| Thistle Seed, 1/4 lb., 20c | .60 |
| Bird Sand, sterilized, 2 lbs., 15c | .10 |
| P.-W.'s Mixed Bird Seed—Consisting of sweet recleaned canary, recleaned Millet Hulled Oats and the large Sweet Rape. Price, 20c per lb.; 2 lbs., for 35c; 3 lbs. for 50c. | |

Cage Equipment

Send for Free Leaflet on Care of Birds

Our Song Birds Absolutely Guaranteed to Sing Satisfactorily



Bird Foods and Remedies

Postpaid Prices

| | |
|--|-----|
| Bird Manna, in cakes ready to attach to edge, each | .10 |
| Bird Bitters, Iron Tonic, per bottle | .25 |
| Bird Salve, small size can | .25 |
| Bird Cage Disinfectant | .25 |

| | |
|---|-----|
| Perches, all lengths, plain wood give size wanted, each | .15 |
| Nesting Hair—Per pkg. | .15 |
| Cage Spring—Double coil, brass, prevents cage swinging; each | .25 |
| Bath Dishes, Porcelain—Oval shape, medium size; 2 for 25c; each | .15 |

Dog Supplies



Dog and Cat Foods

For Dogs, Cats, or any Carnivorous Animal

Put up in convenient sized cans all ready for use. Prices are all f.o.b. Salt Lake City. Send extra for postage if by mail. Shipping wt. 1 1/4 lbs. per can.

Ken-L Ration is a cooked, canned, meat product, ready to feed, containing a splendid balanced ration for any species of Dogs, Cats or Foxes.

Price per can, 10c each; 1 case (4 doz.), \$4.25.

Puss in Boots—Cooked canned fish. 5c can straight.

Pup-E-Ration—A well balanced food for puppies, and small dogs. Each, 15c; 3 for 40c; per case (4 doz.), \$6.00.

Kit-E-Ration—Specially prepared for kittens. A balanced ration. Each, 15c; 8 for \$1.00; per case (4 doz.), \$5.75.

Pard—Cooked canned meat. 10c each; 1 case (4 doz.) \$4.25.

"Well-Being"—Concentrated food for all pets. 35c.

Dog Biscuits (Ken-L)

For grown or large dogs, feed Dog Biscuits once or twice a day. Don't feed too much. Dogs are in best condition when not too fat. The biscuits can be fed dry or moist. Keep fresh water where the dog can drink at will and give plenty of exercise. If any food is left, remove it.

Price—(Bulk) 1 lb., 20c; 2 lbs., 35c; 3 lbs., 50c; 10 lbs., \$1.30; 25 lbs., \$3.00; 50 lbs., \$5.50; 100 lbs., \$9.00.

Packaged Puppy Foods

Puppy Biscuits—A perfect food for puppies when about two to three months old and continued until about six months old. 7 1/2 oz., 10c; 10 oz., 15c; 1 lb. 6 oz., 35c.

10 oz. Pupplac—for rearing and weaning puppies and fox cubs.

Goldfish and Supplies

Goldfish

Fish must travel by express, Customers pay expressage. No Goods C. O. D.

Small Fish—1 1/2 to 2 inches long. Each..... \$.10

Medium Size—2 to 2 1/2 inches long. Each..... .15

Medium Large—3 inches long. Each..... .25

Large Size—4 inches long. Each..... .35

Fantails—According to size. Each..... 25c to .75

Telescope—Japanese bulging eyes, unusually black. Each..... 25c to .50

Small Fancy Turtles—In summer only.

Each, 25c; 5 for..... 1.00

Snails and Tadpoles—Are in stock at suitable seasons.

Tin Pails—For use when shipping fish, are sold at about cost. Qt., 10c; 2 qts., 15c; gal..... .25

Book—"The Aquarium," paper cover. Each.... Leaflets on Care of Goldfish Free with Order

Fish Foods

Prices Include Postage

Imported Rice Wafer—Carton..... .10

Natural—Contains some ground shrimp.

Carton..... .10

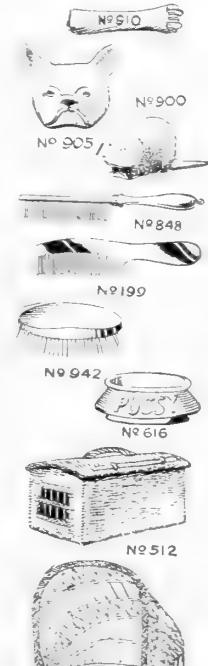
Flakes—A cereal preparation. Carton..... .10

Pulverized Shrimp—For feeding all kinds of fish, 1/2 oz. pkg..... .10

Turtle Food—small carton..... .10

Remedies

| | |
|---|-------------------|
| Mange Medicine —For Sarcoptic Mange..... | \$.75 |
| On the Nose —For distemper and colds (tube)..... | .75 |
| Condition Pills —Increases appetite..... | .60 |
| Laxative Tablets —Keep the bowels right..... | .60 |
| Worm Capsules —For expulsion of all worms..... | .75 |
| Canker Lotion —Liquid (tablets)..... | .60 |
| Puppy Tonic —Weak puppies, relieve colic..... | .60 |
| Diarrhea Remedy —Liquid (tablets)..... | .50 |
| Kiltlea —(Dog Soap), 2 sizes..... | .25 |
| Skin Medicine —(Colorless) for skin diseases..... | .60 |
| Cough Remedy —For coughs and colds..... | .60 |
| Digestive Tablets —For all forms indigestion..... | .60 |
| Kiltlea Powder —For dogs and cats, per can..... | .10c, 25c and .50 |
| Fit Remedy —For fits and convulsions..... | .60 |
| Yeast —Fleischmann's irradiated for Dogs..... | .25 |
| Pulvex Combination Worm Capsules —Contains two types of capsules: used in combination, they completely expel tape, round, or hook worms, .75c. | |
| Pulvex Quick-Kill Flea Powder —In shaker-top can, 100% faster. Kills lice, dog ticks, sticktites; also head, body and crab lice on humans..... | .50c |
| Pulvex 6-Use Dog Soap —Cleans, tones, oils, grooms, kills fleas, deodorizes—all in one operation. Outlasts two ordinary soaps..... | .50c |



Pet Stock Accessories

| | |
|--|----------------|
| Cat Nip Mice —Same size and shape as a mouse. A wholesome play toy for the cat. Each, postpaid..... | .15 |
| Dog Collars —A very complete assortment of collars in all sizes and styles. Prices range from .25c to \$2.00. | |
| Dog Harness —Large stock in all styles and sizes from .50c to \$5.00. | |
| Dog Chains and Leads —Metal chain leads from .25c to \$1.00. Leather leads from .50c to \$2.50. | |
| Dog Sweaters —In assorted sizes and colors and two-toned shades from \$1.50 to \$3.50. Each | |
| No. 900—Rubber Rats with Squeal..... | .10 |
| No. 901—Solid Rubber Dog Bones, assorted..... | .15 |
| No. 905—Rubber Dog Heads with Metal Squeal..... | .50c and .25 |
| No. 616—Porcelain Pussy Dishes..... | .35 |
| No. 848—Steel Combs with Wooden Handle..... | .50 |
| No. 942—Dog Brush, Groom style (medium), from..... | .35c to 1.50 |
| No. 512—Dog Carrying Basket..... | \$3.00 to 6.40 |
| No. 517—Dog Sleeping Baskets, 20 in..... | \$1.75 to 4.00 |
| Cedar Bedding —A sanitary bedding for Dog Kennels composed of cedar shavings; eliminates odors, fleas, etc. 10 lbs., 70c; 50 lb. bags, \$3.00; not prepaid. | |



Aquarium Supplies

(Prices are Not Postpaid Unless Noted)

| | |
|--|--------------|
| Fish Moss —Postpaid, per bunch..... | .15 |
| Grottos —Similar to Castles; small 2 1/2 inches high, each..... | .35 |
| Castles —3 in. high; for 1/2-gal. globes, each..... | .10c and .15 |
| Castles —4 inches high; for 1-gal. globes, each..... | .25 |
| Castles —6 inches; for 3-gal. globes, each..... | .40 |
| Fancy Small Sea Shells —Asstd., per pkg..... | .10 |



Fish Globes

Your Selection Style No. 835 or 845

Heavy Glass—(Not Prepaid)

| | |
|---|-----|
| No. 830 shown in cut, not available this year | |
| 1-quart size; each..... | .25 |
| 1/2-gallon size; each..... | .35 |
| 1-gallon size; each..... | .45 |
| 2-gallon size; each..... | .90 |



Aquariums

Aquariums—Metal Frame—Style No. 1028

| Length | Width | Depth | |
|--|-------|-------|-------------------|
| 10 in. | 6 in. | 6 in. | 1 1/2 gal. \$1.90 |
| 10 in. | 7 in. | 8 in. | 2 1/4 gal. 1.69 |
| 17 in. | 8 in. | 9 in. | 5 gal. 4.44 |
| 19 in. | 6 in. | 9 in. | 7 1/2 gal. 5.25 |
| (Shipped Freight or Express, not prepaid) | | | |
| No. 4R—Gold Fish Net, 4 inch, 12 inch handle | | | \$.10 |
| No. 6R—Gold Fish Net, 6 inch, 13 inch handle | | | .20 |



BEETS for Stock Feed

CULTURE—Sow seed in drills 24 to 30 inches apart and thin to about nine inches in row. Requires 8 to 10 pounds of seed per acre.

One of the most profitable crops known to agriculture. Just think of it: **A yield of from 20 to 60 tons per acre and the feeding value, pound for pound, almost equal to grain;** conservatively figured, just the average yield, therefore, would be the equivalent to a 1,000 bushel yield of oats, as far as feed value is concerned. Mangels improve the health and condition of your animals, and increase the flow and quality of milk. They make an excellent food for poultry.

P.-W.'s Giant Sludstrup—Easily harvested. Crops as high as fifty tons to the acre are not unusual. Color of skin reddish-yellow above the ground and light rose tint underneath.

Giant Half-Sugar—This half-sugar beet supplies a food of very much higher nutritive value for feeding purposes, pound for pound, than sugar beet, and the yield is more than double, early harvested.

Imp. Mammoth Long Red—The extra large, long roots are blood-red in color and very nutritious. Enormously productive, yielding, under favorable conditions, as high as 70 tons per acre. Price (see below).

Golden Tankard—Flesh yellow, differing from others; sheep prefer it; a heavy yielder.

Sugar Beets, Klein Wanzleben—80 days. The most popular variety of Sugar Beet.

It has a rather long, slender root, rich in saccharine. The Sugar Beet does not compare with Mangels in yield but are higher in sugar content.

PRICE—Any of the above varieties of Mangels and Sugar Beets. $\frac{1}{4}$ lb., **20c**; lb., **50c**, postpaid.

Stock Carrots—See page 11.

Quantity Prices Transportation Prepaid

MANGELS

| | 2 to 9 lbs. | 25 to 99 lbs. | 100 lb. Bag lots & over per lb. |
|------------------------|----------------|------------------|---------------------------------------|
| Giant Half-Sugar | .40 | .35 | .30 |
| Golden Tankard | .40 | .35 | .30 |
| Mammoth Long Red | .40 | .35 | .30 |
| Sludstrup | .40 | .35 | .30 |

STOCK CARROTS (See page 11 for descriptions)

| | | | |
|-------------------|-----|-----|-----|
| Long Orange | .80 | .75 | .70 |
| Mastodon | .80 | .75 | .70 |
| Short White | .80 | .75 | .70 |

DRY LAND GRAIN SORGHUMS

Grain Sorghums are non-saccharine. They range in height from 3 to 6 feet and are more draught resistant than sweet sorghums. Stalks are dry and pithy and have low feeding value. 4 to 6 pounds are sown on dry land and 8 pounds on irrigated in rows. 50 to 60 pounds broadcast or drilled.

Double Dwarf Milo—Is very dwarf, about 2½ ft. tall and is harvested in the same manner as heading grain. Average yields bring 2 ton per acre.



A field of "Hegari," the Wonder Crop of the West

An acre yield is 12 tons of silage or 6 tons dry fodder or 2400 pounds of grain. Write for quantity prices.



Giant Half-Sugar Mangel

Hegari—120 days, 4 to 5 ft. tall, is a grain sorghum resembling Kaffir and Atlas sorgo. Under favorable conditions, Hegari makes an excellent grain crop and forage that is relished by livestock. Leaves are broad, long, and numerous. The stalks fairly sweet and reasonably juicy, containing a much higher saccharine content than Milo and Kaffir.

60 Day Milo—Is a Sorghum similar to Kaffir Corn. Grows erect with thick, close-jointed stalks 4 to 9 ft. tall. The large heads give a heavy yield of grain. It is drought-resistant and does well on alkali soils.

Sweet Sorghums

The Sweet Sorghums or cane are generally grown for making hay or forage. The stalks contain sweet juices and are very leafy. Sorghum forage has high feeding value. Plant same amounts per acre as for grain.

Black Amber Cane, 80 to 100 days, is the best known Sorgo and in many sections is the favorite because it is the earliest.

Atlas Sorgo—Is one of the highest yielding forage crops grown. Produces as much as 25 tons of silage per acre, extremely drought-resistant, and is relished by livestock. It produces a long, leafy stalk, sweet and juicy, with a good grain head.

Quantity Prices Transportation Not Prepaid

| | 2 to 9 lbs. | 25 to 99 lbs. | 100 lb. Bag lots & over per lb. |
|---|----------------|------------------|---------------------------------------|
| Prices fluctuate rapidly— correspondence solicited | | | |
| Double Dwarf Milo | .09 | .06 | .04½ |
| Hegari | .09 | .06 | .04½ |
| 60 Day Milo | .09 | .06 | .04½ |
| Atlas Sorgo | .11 | .08 | .06½ |
| Black Amber Cane | .10 | .07 | .05½ |

FIELD CORN – Ensilage and Grain

Sow in drills 3 feet apart, using 15 to 40 pounds of seed per acre. When less grain and more bulk is desired, more seed may be planted to the acre, giving a greater amount of leaf and stalk but less ear corn.

Minnesota No. 13—The leading all-round open pollinated variety. A 90-day Yellow Dent corn, acclimated to this area. It is the heaviest producer of the medium early field corns. Plants grow 7 to 8 ft. tall, bearing ears 9 to 10 inches long. Kernels are medium depth and 16 to 18 rows per ear. Yields average about 90 bushels per acre. Makes splendid ensilage.

Pride of the North—A yellow dent, tall-growing kind, luxuriant foliage, and vigorous grower. Ripens early, yielding 75 to 85 bushels per acre. Very fine ensilage as well as for dry corn.

Improved Leaming—100-110 days. It will grow more tonnage to the acre than any other open pollinated variety we know. Leaming makes a very heavy foliage, making it especially good for silage purposes. The ears and kernels are a little larger than Minnesota 13. Produces good yields of grain.

King of the Earlies—A Yellow Dent corn which is very popular because of its earliness. It yields well although ears and grains are not large.

Silver King or Wisconsin No. 7—The best known White Dent variety. It is a creamy white with slightly rough kernels. The ears are well formed, 8 to 10 inches long, 16 to 20 rows on the cob. It is also a strong, leafy grower, with heavy foliage, making it ideal for the silo. An excellent yielder, producing from 80 to 90 bushels of dry corn per acre.

Boone County White—A medium late white variety, 100 to 110 days to maturity. Produces rank growth, ears 16 to 20 rows, kernel type about the same as Wisconsin No. 7. Equally good for grain or ensilage purposes.

Gold Mine—A Yellow Dent, medium rough corn with a good sized deep kernel and small cob. Matures in about 100 to 110 days and will yield from 70 to 80 bushels per acre.

Why Plant a Hybrid?

Corn hybrids are superior to open pollinated corn because the controlled pollination practiced in the production of the seed enables the breeder or seedsman to develop corn that excels in several ways:

| | |
|-----------------------|-------------------------|
| 1. Yield | 3. Uniformity |
| 2. Stiffness of Stalk | 4. Resistant to Drought |

The uniform maturity of corn hybrids is, we believe, of even greater value than the uniform height of stalk and ear.

It will be well to try more than one of the hybrids to prove the best for your conditions. When planting a hybrid for the first time, compare it directly in the same field with your favorite local corn. Write us for information and prices of other hybrids available.

U. S. 52—Matures about the same time as Leaming. Plants are very tall and very lodging resistant. Ears are large, smooth, somewhat tapering, with 16 to 18 rows of medium depth grain. Adapted over a wide area and an excellent yielder. On good soils, it is a general all-purpose hybrid. U. S. 52 has given the best results in the experiments by the U. S. A. C. at Logan, Utah, with a large number of hybrid corn varieties. Bagged and sealed in bushels, 60 lbs. per sack. Price, \$7.25 per bu., f.o.b. Salt Lake City.

Quantity Prices

Transportation Not Prepaid

| | 10 to 25 | 25 to 99 | |
|--------------------------------|----------|----------|----------|
| | lbs. | lbs. | Bag lots |
| | per lb. | per lb. | 100 lbs. |
| Australian White Flint | .05½ | .05 | 4.50 |
| Boone County White | .05 | .04½ | 4.10 |
| Gold Mine | .05 | .04½ | 4.00 |
| Improved Leaming | .05 | .04½ | 4.00 |
| King of the Earlies | .05 | .04½ | 4.00 |
| Minnesota No. 13 | .05 | .04½ | 4.00 |
| Northwestern Red Dent | .05½ | .05 | 4.25 |
| Pride of the North | .05 | .04½ | 4.00 |
| Sanford White Flint | .05½ | .05 | 4.50 |
| Silver King or Wisconsin No. 7 | .05 | .04½ | 4.10 |
| King Phillip Flint | .05½ | .05 | 4.50 |

Northwestern Dent (Red)—A corn between Minnesota No. 13 and King Phillip Flint. It is early and both frost and drought resistant, making it one of the kinds best adapted to the short seasons of the high foothills. It is a 75 to 90-day corn and yields 65 to 75 bushels of dry corn per acre.

Australian White Flint—One of the earliest White Flints. Bears large ears, averaging 12 rows, 10 to 14 inches in length. Stalks are of medium height. Produces well for both dry corn and fodder. Season about 75 days. Heaviest yielding of the Flints.

Sanford White Flint—Produces a long, 8-row ear, creamy in color, the ripe kernels being similar in appearance to Australian Flint. A splendid variety for short season regions. Matures in 75 days.

King Phillip Flint—An extra early red flint, growing stalks about 7 ft. tall, which produce a leafy foliage, making it very good for fodder. Ears grow 10 to 12 in. long and produce 8 rows of shining red corn. The corn when ripe is not as hard as ordinary flint corn. It matures in 75 to 80 days.

Pop Corn See page 5

Same cultural directions as Sweet Corn

Japanese Hulless Dwarf Rice—Very tender and almost hulless. Ears short and chunky. Heavy yielder. We regard this as the coming commercial variety, no husk when popped. Pkt., 10c; lb., 25c, postpaid.

Both Yellow Pearl and Black Pearl Pop Corn can be supplied. Same price as Japanese Hulless.

Write for quantity prices



New Hybrid U. S. 52

FARM SEED—for Profitable Crops



A field of Fall Rye

Barley

Trebi—Recommended for the irrigated lands of the Rocky Mountain area. It is a heavy yielder and good for feeding, and where grown under irrigation, it is acceptable by some brewers in this area.

Velvon—This new high yielding variety was released for planting in 1937. It is highly resistant to covered smut and has a smooth awn, which greatly increases its value as a feed. Velvon has the desired large, plump, white-colored kernels, the yield generally surpassing other varieties.

Wisconsin Pedigree No. 38—It is produced on stiff straw and stands up well for harvesting. In moist soils, yields heavily; as high as 70 bushels per acre has been produced. It is in great demand by manufacturers of malt.

Oats

Markton—Has proved a higher yielding variety than Swedish Select. In thirteen Utah Counties, it showed an average increase over Swedish Select of about 13%. It ripens a few days earlier, and its straw is of equal strength. The kernel is yellowish in color. It is highly resistant to or immune from the smuts of oats.

Swedish Select—This variety has long been the standard oat grown in this area. The grain is plump, white, and very heavy. The quality of the oats produced in the Rocky Mountains is unsurpassed.

Uton—This new variety was released for commercial growing in 1938. It is a cross between Swedish Select and Markton, having the white kernel of Swedish Select and the stiff straw and smut resistance of Markton. It is a high yielding variety, being well adapted to Western climatic and soil conditions.

Spring Wheat

Baart—Grows medium in height, and the straw is white. It has shown excellent adaptation to dry lands and has outyielded all other varieties of spring wheats in several high altitude areas and on non-irrigated fields, but it cannot compete with Dicklow or Federation on the irrigated lands. The grain is soft to semi-hard.

Dicklow—Is a late maturing spring wheat. The kernels are soft and somewhat flattened. This variety was selected by Richard Law in Utah County in 1912 and 1913 and rapidly spread over the entire Western U. S. A. It has outyielded all other varieties except Federation on the irrigated lands of Southern Idaho and Northern Utah. This grain is in demand by millers for making biscuit and pastry flour.

Federation—Is a short, fairly early spring wheat. The kernels are white, rather short, and usually soft. Federation is less subject to lodging than Dicklow. It has replaced almost all spring varieties in this area.

Fall Wheat

Relief Wheat—This is a new hard, red, winter wheat. It is rust and smut resistant to a very high degree and in infested areas is fast replacing all other varieties. It compares favorably both in yield and protein to the well-known Turkey Red.

Turkey Red—Today it is the most widely used hard red winter wheat. The heads are bearded, the chaff is white, and the grains are hard and dark red. The hard red wheats have the highest protein content.

Seed Rye

Spring Rye is an excellent soiler and can be produced on poor, worn out land under dry conditions where other grains would fail. Makes early pasture and may be cut and cured for hay. When sown with vetch, its value for pasture and hay is greatly enhanced.

Winter or Fall Rye serves a very useful purpose for pasture and hay. May be sown in the Spring and Summer as well as in the Fall. When Winter Rye is sown after frost it goes into the following season before maturing, thus making it a biennial.

Use **Ceresan Treatment** on all grain subject to smut. See page 89.

Prices on Grains

Transportation Not Prepaid

| Subject to Market Changes. If by mail, add postage at Zone Rates. | | | | |
|---|------------------|------------------|---------------------|----------|
| | 10 to 24 lbs. | 25 to 99 lbs. | Bag lots per lb. | 100 lbs. |
| BARLEY | | | | |
| Trebi | .05 | .03 | | 1.85 |
| Velvon | .05 | .03 | | 2.00 |
| Wisconsin No. 38 | .05 | .03 | | 2.25 |
| OATS | | | | |
| Markton | .05 | .03 | | 2.25 |
| Swedish Select | .05 | .03 | | 2.25 |
| Uton | .05 | .03 | | 2.25 |
| WHEAT | | | | |
| Baart | .05 | .03 | | 2.25 |
| Dicklow | .05 | .03 | | 2.25 |
| Federation | .05 | .03 | | 2.25 |
| Relief | .05 | .03 | .03½ | 2.50 |
| Turkey Red | .05 | .03 | .03½ | 2.50 |
| RYE | | | | |
| Spring Rye | .05 | .03 | | 2.25 |
| Winter or Fall | .05 | .03 | | 2.25 |

Market prices fluctuate rapidly—correspondence solicited.



A field of Swedish Select Oats

Miscellaneous FARM SEEDS

Astragalus Rubyi

The sensational new legume for reclaiming moist alkaline soils. Thru its use, low, worthless alkaline soils have been transformed into productive fields. Plant makes an abundant growth from the crown or woody root (see cut). Spreading habit, making a dense mat which crowds out weeds. It is cured like alfalfa, and yields about 4 tons per acre. Stock relish it. Sow the seed either Spring or Fall at the rate of about 7 lbs. per acre (see below for prices).



Astragalus Rubyi

Canadian Field Peas

They enrich the soil and are splendid stock feed. For hay, they should be cut while the nutriment in milk is in the vine forming the pod; cure the hay. Plant early in the Spring at the rate of 100-120 lbs. per acre or 60 lbs. with a nuser crop of Oats or Spring Rye.

Hay Millet

Siberian or Red Russian Millet—

Very fine, early, extremely hardy, drought-resistant variety. Produces big. Forage is quite palatable. Seed has high feeding value.

Hog or Proso Type Millet

Early Fortune or Red Proso—

This red form of the Proso or Hog Millet type is in especial favor for mixture in poultry feeds. One of the surest crops in the Northwest, and especially valuable as a grain crop for late planting.

Proso—“The dry land Wonder Grain.” The most profitable catch crop. Matures in 60 days. Can be planted later and will stand more drought than any other grain. It makes an ideal feed for poultry, hogs, cattle, and sheep. May be fed without threshing. Proso straw makes good grain for Winter feeding. Grows anywhere, in wet or dry weather, and on all kinds of soil. Sow 20 to 30 lbs. per acre.

Peanuts

Spanish—This variety is the best suited for growing in the North, being earlier. 35 to 40 pounds of unshelled peanuts will plant an acre.

Rape

Dwarf Essex—Pasture for hogs, sheep, and poultry. Sow 10 lbs. per acre. There is a need and a place for an extra thick growing green forage crop for use any time during the Fall, Winter, and Spring, and our Dwarf Essex Rape fills that need exactly. Rape can never become a pest:



A Field of Sudan Grass

when planted under favorable conditions of soil and season, it makes an immense crop of green forage, juicy and succulent, and often at a time of year when little green feed is available.

Sunflower

A good silage crop for dry land. They may be sown early or late as they grow rapidly. The silage is very palatable and has high feeding value. Plant close in drills, 4 to 5 inches apart and rows 30 to 42 inches apart. Cultivate and handle similar to corn. Plant 500 to 600 lbs. per acre.

Sudan Grass

Drill 15 to 20 lbs. or broadcast 25 lbs. per acre for pasture. It will endure much alkali. Planted in rich soil in June, it will be ready to pasture in 30 days. It will furnish grazing for two cows per acre throughout the Summer. As a hay crop, it should be cut when heads appear. It takes several days of ideal weather to cure. A second crop may be cut or pastured if preferred. All kinds of livestock relish Sudan Grass—it has a sweet taste.

Vetch

Sand, Hairy or Winter—Is very Winter hardy and is a fine crop to sow in the Fall, following harvest of crops. It is one of the oldest and most used varieties. The Vetches make good hay either alone or in mixture with small grains and are relished by all kinds of livestock.

Common or Spring—Less Winter hardy than Hairy. Grown as a Spring sown crop, it makes excellent hay, silage, green manure, or pastureage.

Prices

Transportation Not Prepaid—f.o.b. Salt Lake City

| Market fluctuates rapidly— correspondence solicited | 1-9 lbs. | 10-24 lbs. | 25-99 lbs. | Bag Lots 100 lbs. |
|--|-------------|---------------|---------------|----------------------|
| Astragalus Rubyi | .80 | .75 | .72 | 70.00 |
| Canadian Field Peas | .10 | .08 | .06 | 5.25 |
| Siberian Millet | .10 | .08 | .06 | 5.00 |
| Early Fortune Millet | .10 | .08 | .06 | 5.00 |
| Proso | .11 | .08½ | .06¼ | 5.25 |
| Dwarf Essex Rape | .15 | .13 | .12 | 11.00 |
| Sudan Grass | .11 | .09 | .08 | 7.00 |
| Peanuts | .25 | .23 | .22 | 20.00 |
| Sunflower | .12 | .11 | .10 | 8.50 |
| Sand, Hairy or Winter Vetch | .18 | .17 | .16 | 15.00 |
| Common or Spring Vetch | .13 | .12 | .11 | 10.00 |



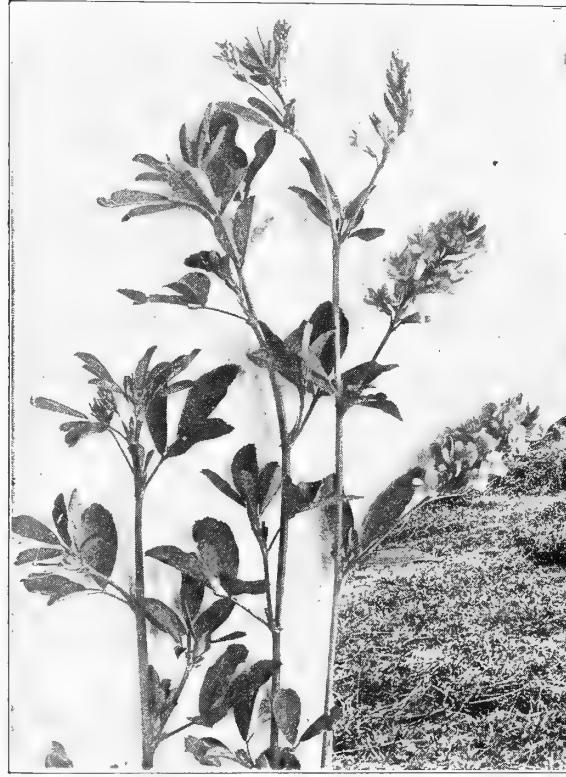
Siberian or Red Millet

ALFALFA (LUCERNE) Wonder Crop of the West

Why Alfalfa Pays Best of All Crops

1. Alfalfa is easier to start than clover.
2. It withstands drought because of its long penetrating roots.
3. It is the most nutritious hay for livestock.
4. It makes dairying pay better.
5. It also makes good green feed for poultry.
6. It is the best of all soil builders.
7. It exterminates weeds by crowding them out.
8. Good alfalfa seed brings a good price.
9. It is unequalled for hog pastures.

Prices on Alfalfa and Clover Seeds are subject to market changes. Ask for quantity prices. Seamless bags extra, at cost.



Grimm Alfalfa

This variety is especially recommended for shallow soils or those underlaid with hardpan. The claim made for it is that in addition to extreme hardiness it has spreading roots instead of a single taproot and that it makes underground creeping stems. To the casual observer, Grimm differs little from the common Alfalfa, but closer examination will reveal a greater diversity in form. Hardiness is probably due in part to its ancestry and part to the process of natural selection that took place under the severe climatic conditions to which it was subjected for many years in the Northern States. In ability to produce seed, Grimm is at least the equal of common Alfalfa. Sow 10 to 15 lbs. per acre. We offer as follows:

N.B.—Certified seed cannot be delivered under seal in quantities less than 10 lbs.

Blue Tag Grade—Indicates a purity of 99.50% pure, containing less than 1/32 of 1% other crop seed.

Affidavit Grade—Produced from Blue Tag stock. Its purity will average 99% or better, containing not more than 1/2 of 1% other crop seed.

Hardy Desert Alfalfa

This splendid variety is the selection from the far famed Utah Dry Land type, which is a "Northern or hardy strain." It will live and thrive in the most trying arid situations where all others fail. Its roots pierce the soil until moisture is reached, even a depth of twenty to thirty feet has been traced in some dry localities. It produces even under adverse conditions but in favorable situations under irrigation it is a prodigious yielder. For dairy, poultry or stock feed, it is unexcelled. Very desirable also as a rotate crop since it supplies the much-needed nitrogen and humus. Sow 10 to 15 lbs. per acre. We offer the following grades:

Hardy Desert Alfalfa or Extra Fancy—Unusually bright color, with a purity of approximately 99.50% or better and high germination.

Hardy Desert Alfalfa, Fancy—Seed of 99% purity and high germination. Good color, sound plump seed.

Hardy Desert Alfalfa, Choice—Seed of a good commercial grade. Purity approximately 98.50%.

Ladak Alfalfa

Tests at nearly every Northern and Western Experiment Station show Ladak leading in tonnage, long life, drought-resistance, and Winter hardiness. It has also shown considerable resistance to bacterial wilt and aphid attack. Ladak makes an exceptionally heavy first crop but less in the third than other alfalfas. Because of the heavy first cutting, however, total seasonal yield of Ladak is often in excess of that of other varieties. It is ideal for high elevation valleys of the Rocky Mountain area because Summer frosts which wilt other varieties and stop growth, leave it untouched. When Fall comes, it tends to go dormant. This, no doubt, adds to its long life and accounts for its Winter hardiness.

We offer as follows:

Blue Tag Grade—Indicates a purity of 99.50% pure, containing less than 1/32 of 1% other crop seed.

Affidavit Grade—Produced from Blue Tag stock. Its purity will average 99% or better, containing not more than 1/2 of 1% other crop seed.

Cossack Alfalfa

was introduced by the United States Department of Agriculture into this country in 1907 from Russia. The flowers show a higher percentage of variegation from Grimm and experiments show that it compares favorably with Grimm but it is not considered as superior.

Alfalfa Seed Prices

Transportation Not Prepaid

| Market fluctuates rapidly— correspondence solicited | 1-9 lbs. | 10-24 lbs. | 25-99 lbs. | Bag Lots per lb. | 100 lbs. |
|--|-------------|---------------|---------------|---------------------|----------|
| Grimm—Affidavit Grade | .40 | .38 | .36 | .35 | 35.00 |
| Grimm—Blue Tag Grade..... | .42 | .40 | .38 | .37 | 37.00 |
| Hardy Desert—Ex. Fcy. Gr. | .32 | .30 | .28 | .27 | 27.00 |
| Hardy Desert—Fancy Grade.. | .30 | .28 | .26 | .25 | 25.00 |
| Hardy Desert—Choice Grade .. | .29 | .27 | .25 | .24 | 24.00 |
| Ladak—Blue Tag Grade..... | .46 | .44 | .42 | .41 | 41.00 |
| Ladak—Affidavit Grade | .44 | .42 | .40 | .39 | 39.00 |

If wanted by mail, add extra at Zone Rates



Experiments made by the University of Wisconsin report a gain due to inoculation of 1151 pounds per acre of alfalfa hay. See page 87.

Clovers

Alsike Is recommended both for sowing with Timothy and also with the Red and Mammoth Clovers, as well as for a hay crop by itself. It does not Winter-kill. The use of Swedish Alsike Clover is increasing rapidly; cattle prefer it to other clovers. It is very fine for honey bees. Sow at the rate of six or eight pounds per acre; sown in mixtures, 5 or 6 pounds per acre is sufficient.



Ladino Clover This is a recent introduction from Europe and has proved to be a remarkable discovery as a green feed for poultry, as well as livestock. It yields far more and withstands frost much better than alfalfa. Each plant sends out runners about 12 in. long and each joint makes a new root. It can be cut continuously throughout the entire year and makes excellent pasture. It should be planted where water is available as it does not do well in dry situations. Sow 7-8 pounds per acre.

Hubam Clover This is really an annual sweet clover. It is a very rapid grower and attains a height of from 6-7 feet. It is very valuable for pasture and hay when cut before it gets too old. As the flowers are rich in honey, it makes very good bee pasture. It is also used to great advantage as a cover crop. It should be planted the latter part of March or early April. Sow at the rate of 12-15 pounds per acre.

Medium Red (*Trifolium Pratense*)—Is a dependable, all-around variety for farmers and stockmen. It makes two crops each year. Sow either in the Spring or Fall at the rate of fifteen pounds to the acre.

SWEET CLOVER

White Blossom (*Melilotus Alba*)—Its value in the redemption of alkaline lands cannot be over-estimated. It grows in a variety of soils—heavy, light, wet or dry, almost anywhere, except in acid soil. Sow at the rate of 10 to 14 pounds per acre. Cover the seed very lightly.

Yellow Blossom (*Melilotus Officinalis*)—Same family as White Blossom Sweet Clover but it is not so prolific in growth and flowers are yellow instead of white. For bee pasture we believe it to be equally valuable.



Lower—Model dairy barn at Kamas, Utah, on the Brooklawn Stock and Dairy Farm owned by Mr. Reed Stevens of Salt Lake City.

Top—A close-up of "Mary Dawn," young daughter of Mr. Stevens. She is standing in the midst of a large field of Alsike Clover.

Clovers, Alfalfa, and Meadow Grasses are utilized to the fullest extent for forage and pasture at "Brooklawn." All of which, coupled with other good management factors, make this one of the outstanding ventures of its kind in the State of Utah.

Strawberry Clover

Tall variety. This splendid new clover is a native of Australia but was found in pet pasture land in Washington and Oregon a number of years ago. It is similar to Landino but has proved to be much hardier. The flower resembles White Dutch Clover but is pink. The color fades as the flower head changes to a ball. When mature, the ball is about $\frac{3}{4}$ in. in diameter and resembles a green strawberry; hence, the name. (See cut.) The foliage is similar to White Dutch but has creeping runners, strawberry fashion, and establishes new plants wherever the nodes contact the soil.

It has proved particularly adaptable to alkaline and wet soils. One government station has reported that Strawberry Clover will do well on acid soils as well as tide lands. Several observations have been made of this clover growing in fields of salt grass pasture. There are two types—the short and the tall. While either is satisfactory for pasture, the tall variety has proved easier to harvest for seed and is the heavier producer and, consequently, we believe it to be preferred. It is much in demand as a pasture crop because of its palatability and adaptability to alkaline soils. Livestock relish it and pass up other clovers and grasses wherever Strawberry Clover is available. Sow at the rate of 4-6 pounds per acre.

Clover Seed Prices — Transportation Not Prepaid

Prices fluctuate rapidly—
correspondence solicited

| | 1-9 lbs. | 10-24 lbs. | 25-99 lbs. | Bag Lots 100 lbs. |
|----------------------------------|----------------------|---------------|---------------|----------------------|
| Alsike—Fancy Grade | .30 | .28 | .26 | 25.00 |
| Ladino—Fancy Grade | 1.25 | 1.20 | 1.15 | 112.00 |
| Hubam—Fancy Grade | .22 | .20 | .18 | 17.00 |
| Medium Red—Fancy Grade | .27 | .25 | .23 | 22.00 |
| Sweet—White Blossom—Fancy Grade | .13 | .11 | .09 | 8.00 |
| Sweet—Yellow Blossom—Fancy Grade | .14 | .12 | .10 | 9.00 |
| Strawberry (Tall)—Fancy Grade | 1.55 | 1.50 | 1.45 | 140.00 |
| White Dutch—Fancy Grade | Supply very limited. | | | |

Write for prices.



Seed Heads of Strawberry Clover

GRASS SEED for Range, Meadow and Pasture

Our stocks are critically grown, of highest germination and purity. Prices fluctuate. Write for prices.



Bromus Inermis (Awnless Brome)

Brome Grass (*Bromus inermis*)—Also called Awnless or Smooth Brome. It has met with high favor as a grass for the drier farming regions of the West. The best growth is made on clay or clay loams, but it succeeds fairly well in sandy soil. No other cultivated perennial grass except Crested Wheat withstands drought conditions so well. Brome is sown largely in the Spring on well-prepared land, using 10 to 20 lbs. of seed per acre. The yield of hay the first year is usually small, good the second, and best the third. The yield of hay ranges from 1½ to 3½ tons per acre. Where the higher yields are secured, two cuttings are made in a season. Brome Grass is excellent for pasture, being one of the most palatable of all grasses. It is really more valuable thus used than for hay.

Prices

Transportation Not Prepaid

| Market fluctuates rapidly— | 1-9 | 10-24 | 25-99 | Bag Lots |
|----------------------------|---------|---------|---------|----------|
| correspondence solicited | lbs. | lbs. | lbs. | 100 lbs. |
| Crested Wheat Grass | per lb. | per lb. | per lb. | 18.00 |
| Fairway Strain | .22 | .20 | .19 | 18.00 |
| Standard Strain | .22 | .20 | .19 | 18.00 |
| Brome Grass | .22 | .20 | .19 | 18.00 |

If by mail, add postage at Zone Rates

Crested Wheat Grass

(*Agropyron cristatum*)

This wonderful ranch and range grass is the first in the Spring to become green and the last to dry out in the Fall, furnishing a range over a long season. As a hay crop, it is very highly nutritious and palatable, stands well under grazing, and as a seed crop yields average from 200 to 500 lbs. per acre. It has made a most remarkable showing under very dry, arid conditions, succeeding where many other varieties fail in a dry situation and cold temperatures. Crested Wheat is a long-lived grass. Fields 20 years old are still doing well. It is relished by livestock and adapts itself to a wide range of soil types.

For hay and pasture, sow 10 pounds per acre. As a seed crop, sow in 6 inch drills or in rows 3 ft. apart; requires only 4-5 pounds of seed per acre.

Fairway Strain—Is the result of many years of selection and plant breeding. It yields as much hay as Standard under most conditions and has finer and more leaves. Recent tests indicate that percentage of leaf to total weight of hay produced per acre showed Fairway 40% and Standard 26% leaf. The Fairway has more uses, such as in lawns, fairways, boulevards, school yards, parks, farm lawns, and areas where water is not readily available.

Standard Strain—The original type, and up to 1939, it was used most because Fairway sold from \$5.00 to \$15.00 higher per hundred pounds. Now the supplies are at a stage where both sell at the same price. The Standard is slightly taller than the Fairway.

About Prices

Since the market changes rapidly on all Farm and Field seeds, the prices quoted herein are those prevailing at the time of going to press and are subject to change without notice. You are safe, however, in sending remittance according to these published prices. In case of decline the difference will be promptly refunded; if there has been an advance, you will be notified before shipment is made for your confirmation.



Crested Wheat Grass

Reproduced for U.S.D.A. Tech. Bul. 307

GRASS SEED — New and Special Merit

Orchard Grass (*Dactylis glomerata*)—This is a very early pasture grass, furnishing feed at least three weeks before any other. If used for hay, more than one cutting per season can be secured. Even after close grazing, a ten-day interval is sufficient for another growth. It makes a heavy sod and gives splendid pasture until late in the Fall. Withstands drought and is very hardy; well suited for shaded places such as in orchards or groves. It grows in tufts and can be sown, if desired, with Red Clover and Alfalfa. When planted alone, sow at the rate of 20-25 pounds per acre.

Kentucky Blue Grass Remains green from early Spring until snow flies in the Fall. It will do well on almost any land. Sow in Fall or Spring, 30 lbs. per acre. Meadow grade, see below. (Law grades, see page 111.)

English or Perennial Rye Grass It is a very excellent pasture grass. It grows quickly and withstands drought reasonably well.

It should be sown in Spring or Fall for pasture purposes at the rate of 25-30 pounds per acre.

Meadow Fescue (*English Blue Grass*)—Excellent for hay and pasturage. Succeeds even in poor soil, roots penetrate deep, stand extremely dry weather. Sow in Spring or Fall at the rate of 30 pounds to the acre.

Timothy Of hay grasses Timothy leads all. Succeeds on clay or heavy loams, lowlands or in mountainous districts. Alone, sow 12 pounds to the acre, or with clover, 10 pounds Timothy and 6 pounds clover.

Tall Meadow Oat Grass Out-yields Timothy or Orchard Grass, and affords better grazing, becoming very popular. Sown alone, use 30 pounds to the acre, either Spring or Fall.

Red Top A valuable grass for moist soils. It makes a good permanent stand in our climate, as well as any other, and consequently is well adapted to pastures. It has been grown very successfully even on alkali and bottom land where many other grasses have failed. It is used also as a lawn grass as it makes a fine stem and good turf. Sow 15-25 pounds per acre.

Western Wheat Grass (*Agropyron smithii*)

This is a variety of great promise for the western arid regions. It is erect in growth and forms a firm solid turf even where moisture is very limited. It produces a uniform turf which makes it most suitable for fairways, roadside planting, and erosion control as well as an excellent range grass where rainfall is light. It supplies a long-felt need for a suitable sod-forming variety that will stand dry situations.

Slender Wheat Grass (*Agropyron tenerum*)

A great boon for the cattle and sheep men. It grows in very dry arid sections and produces wonderful forage for cattle and sheep. It is a bunch-forming variety, and therefore would be more adaptable to range than to meadows. An acre of Slender Wheat Grass will pasture more sheep than any other variety we know. Very adaptable for pasture in canyons or flats.

Red or Chewings Fescue This grass spreads out, forming a plant one foot in diameter, making a solid, compact turf of a dark green color. It grows exceedingly well on soils of a sandy nature, and is now recognized as one of the leading grasses for putting greens.

About Prices

Since the market changes rapidly on all Farm and Field seeds, the prices quoted herein are those prevailing at the time of going to press and are subject to change without notice. You are safe, however, in sending remittance according to these published prices. In case of decline the difference will be promptly refunded; if there has been an advance, you will be notified before shipment is made for your confirmation.



Reed's Canary Grass

Reproduced from U.S.D.A. Bureau of Plant Industry

Reed's Canary Grass (*Phalaris arundinacea*)

This is a tall grass with flat, wide leaves about one-half inch in width and elongated spike-like panicles. Thrives in wet areas and boggy soils.

A yield of 6 to 10 tons per acre is not unusual.

Sow early in the Spring before the weeds begin to grow. Seeding may also be done in August or October if it is difficult to get onto the land in the Spring. Sow it at the rate of 5 to 6 pounds per acre broadcast and in drill, 2 to 3 pounds per acre in 16 to 18-inch rows. For hay, cut as soon as the head begins to appear. Two or three crops of hay and some fall pasture may be obtained by such a practice. Everyone with moist and boggy soils should give this excellent grass a trial.

Grass Seed Prices

Transportation Not Prepaid

| Market fluctuates rapidly— correspondence solicited | 1-9 lbs. per lb. | 10-24 lbs. per lb. | 25-99 lbs. per lb. | Bag Lots 100 lbs. |
|--|------------------------|--------------------------|--------------------------|----------------------|
| Orchard—Fancy Grade | .27 | .25 | .23 | 22.00 |
| Kentucky Blue—Meadow Gr. | .29 | .27 | .25 | 24.00 |
| Peren'l Rye (English)—Fcy. | .21 | .19 | .17 | 16.00 |
| Meadow Fescue—Fancy | .24 | .22 | .20 | 19.00 |
| Reed's Canary Grass—Fancy | .37 | .35 | .33 | 32.00 |
| Red or Chew. Fescue—Fcy. | .85 | .80 | .75 | 70.00 |
| Red Top—Fancy | .23 | .21 | .19 | 18.00 |
| Slender Wheat | .23 | .21 | .19 | 18.00 |
| Tall Meadow Oat | .39 | .37 | .35 | 34.00 |
| Timothy | .14 | .12 | .10 | 8.50 |
| Western Wheat | .24 | .22 | .20 | 19.00 |

If by mail, add postage at Zone Rates

"High Cost of Low Cost"

The picture at right was taken of a sample of seed termed a "Lawn Mixture." An analysis by the Massachusetts Agricultural College determined that the good seed present cost \$2.67 per pound.

It is astonishing that such a mixture of grass seed would be offered the public, but unfortunately we find many such cases.

Naturally, the price of the mixture was low per pound and it is too bad that so many folks are still influenced so much by price. The old adage, "You usually get what you pay for," would hardly apply here as the purchasers of such a seed certainly failed to get even what they paid for. The same amount of money invested in good seed would have been a far better purchase, by many fold.

Western Alkali Grass

The seed is very fine and as it stools it should be sown very thin for a permanent crop. Seeding can be done from September 1 until Spring; broadcast right on the snow and not after the snow is gone and land dries off and starts to crack. Use "Cyclone" seeder, sowing two pounds per acre for meadow or pasture. It is better to keep stock off in the Spring, while plant roots are forming and the ground is soft. This grass will grow and produce a large crop, on either white or black alkali. It will make a fair crop the first year and a full crop the second year, and stand as much Summer drouth as any grass we have ever seen. The third year will be still better than the second.

P.-W.'s Grass and Clover Seed Mixtures

For Permanent Meadows, Pastures, Marginal and Range Lands

Our well-balanced mixtures are made up of a number of native and acclimated grasses and clovers, blended in such a way as to best suit the climatic and soil conditions found in our intermountain regions. We have aimed in these splendid combinations to supply such varieties that will form a deep-rooting turf and that will yield, year after year, the greatest amount of hay or furnish the most constant and abundant pasturage. To the dairyman or farmer who has lands adapted for pastures the value of a carefully prepared seed mixture can be hardly estimated. With these mixtures and with the proper kinds of dairy cows, it is possible to realize at least one hundred and fifty dollars per acre annually from every acre that has been carefully seeded and attended to.

The following mixtures will be found desirable and well proportioned for the kind of soils specified:

P.-W.'s Mixture No. 1 (For Meadows and Pastures)—Our well-balanced mixtures for general use on average soils in the Western States. Sow 25 pounds per acre.

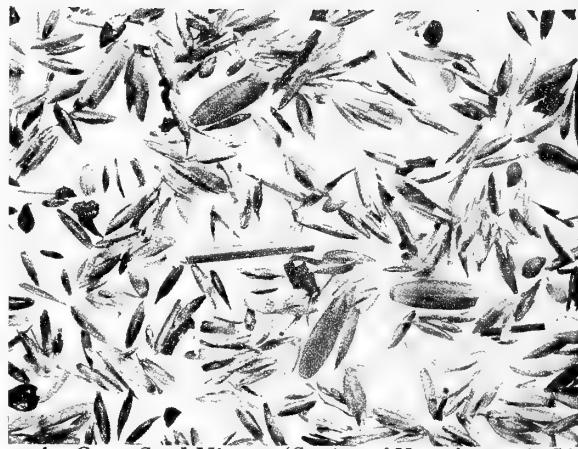
Morton's Formula Mixed (For Upland Pasture Under Irrigation)—A splendid combination of varieties adaptable to this situation. Sow 25 lbs. per acre.

Grass Seed Prices — Transportation Not Prepaid

Market fluctuates rapidly—
correspondence solicited

| | 1-9 lbs. per lb. | 10-24 lbs. per lb. | 25-99 lbs. per lb. | Bag Lots 100 lbs. |
|------------------------|------------------------|--------------------------|--------------------------|----------------------|
| P.-W.'s Mixture No. 1 | .28 | .26 | .24 | 23.00 |
| Morton's Formula Mixed | .26 | .24 | .22 | 21.00 |
| Western Alkali Grass | .82 | .80 | .77 | 75.00 |

If wanted by mail, add extra at Zone Rates



Cut of a Grass Seed Mixture (Courtesy of Massachusetts A. C.)



Western Alkali Grass



P.-W.'s Grass and Clover Mixtures Make Best Dairy Pastures

A Field of Western Alkali Grass

Handy Subject Index

It's easy to find what you wish. For instance, you want something in Flower Seed—say Petunias. Look under this Index, you find Flower Seeds are on pages 25-42. Being alphabetically arranged, you easily discover Petunias are on page 34.

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Useful Tables

Approximate number of feet of row per acre at given distances:

| Distance between rows: | 18 inches | 24 inches | 30 inches | 36 inches | 42 inches | 48 inches |
|------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Feet of row: | 29010 | 21758 | 17427 | 14526 | 12439 | 10853 |

NUMBER OF TREES OR PLANTS REQUIRED PER ACRE

RULE—Multiply the distance in feet between the rows by the distance the plants are apart in the rows, and the product will be the number of square feet, for each plant or hill, which, divided into the number of square feet in an acre (43,560), will give the number of plants to the acre.

TABLE OF DISTANCES FOR PLANTS

| | |
|-----------------------------------|------------------------------------|
| Apricots, 20 to 25 ft. each way | Raspberries, 3 to 4 ft. each way |
| Quinces, 15 ft. each way | Strawberries, 1½ to 3 ft. each way |
| Walnuts, 40 to 50 ft. each way | Blackberries, 6 to 8 ft. each way |
| Currants, 3 to 4 ft. each way | Grapes, 8 to 10 ft. each way |
| Gooseberries, 3 to 4 ft. each way | |

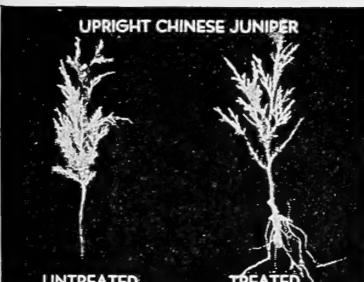
For General List of Orchard Trees See Pages 76-83

Here Are Two Up-to-the-Minute, Marvelous Aids in Starting and Transplanting Seeds, Bulbs and Plants

Rootone and Transplantone replace "Auxilin" and "Auxan," which are not now available. See page 87.

ROOTONE

Reg. U. S. Pat. Off.



This is a new hormone plant powder. It is a root-forming stimulant when applied to cuttings, seeds, or bulbs. Being a powder it gets its root-forming activity from the synthetic hormones or growth substances which it contains. It is very easy to use; simply dust on the seeds, bulbs, or cuttings and the most sluggish seeds, like those of perennials, are accelerated in growth and produce healthier root systems. This means healthier plants, more rapid growth, and earlier development. It keeps for years in a dry state and becomes effective only in the presence of sufficient moisture to dissolve out the hormone. Full directions with each order. ¼ oz. pkt., 25c; 2 oz. jar, \$1.00; 1 lb. can, \$5.00; postpaid.

This is a vitamin hormone stimulant for plants. It invigorates old roots, multiplies new roots, and reduces wilting and loss on transplants. It is a tonic for all transplants. Transplantone is a water-soluble powder containing Vitamin B-1 and other parts of the vitamin B fractions, plus certain plant hormones which are active in root formation. These chemicals are very vital to the growth of plants, particularly of roots. Just as children can use more vitamins than the average diet supplies, plants respond to an extra supply of "growth factors" such as those in Transplantone. It is simple to use and full directions are sent with each order. 1 oz. can, 50c; 3 oz. can, \$1.00; 1 lb. can, \$4.00; postpaid.

TRANSPLANTONE



BLOOMLIFE (Cut Flower Food)

Blooms remain fresh several days after cutting.

This remarkable preparation has been especially developed to give extra life, color, and fragrance after cutting to all hard stem blooms such as Roses, Carnations, Larkspurs, Delphinium, Snapdragons, Gypsophila, Peonies, Lilies, Zinnias, etc. No after change of water and no recutting of stems is necessary. Warm rooms, drafts, sunlight do not harm cut flowers when placed in a solution of Bloomlife. One packet is sufficient for one quart of water. Pkt., 10c, postpaid.

PORTER-WALTON CO.

The Home of Mountain Grown Seeds, Shrubs and Trees

RESPONSIBILITY FAIR DEALING

35 Years of fair dealing and the largest source of supply in the Mountain states is back of every order from us. You are as near to us as your post office or express station.

If you are dissatisfied in any way with the results, you have only to tell us and we will authorize you to select from our catalogue without cost whatever you wish equal to the amount you paid. You must be satisfied. Reference is given to any Bank or Commercial Agency, as to our financial responsibility.

SAFE DELIVERY and SATISFACTORY RESULTS GUARANTEED

ABOUT CROP LIABILITY

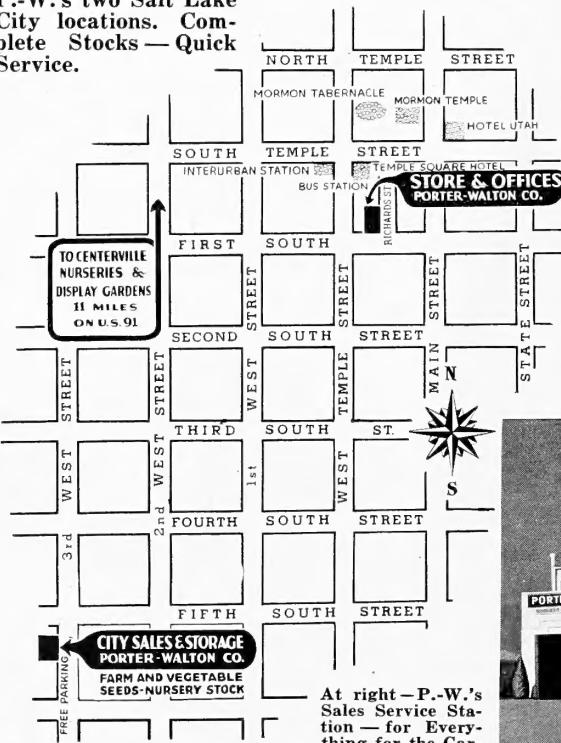
We cannot assume any liability for the crop, as we cannot control the weather, soils, moisture, pests and other agents which make for success or failure. We are compelled to sell, subject to the following disclaimer: "The seller gives no warranty, express or implied, as to description (including kind, variety, and name), quality, productiveness or any other matter of any seeds or plants it sends out and will in no way be responsible for crop.

P.-W. Co.

Special Service Facilities for Customers Within Convenient Motoring Distances

Drive to either our CENTERVILLE Nurseries and Display Gardens (see page 3), or to our City Sales Yard and Storage Warehouses at 522-536 South 3rd West, Salt Lake City (see below). Plenty of Free Parking Space, and Courteous, Experienced Sales Staff to help you solve your Garden Problems.

P.-W.'s two Salt Lake City locations. Complete Stocks — Quick Service.

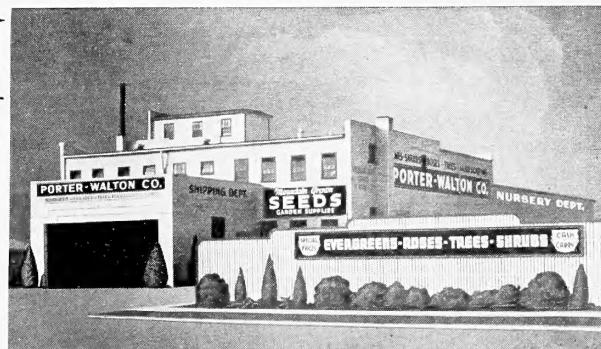


At right — P.-W.'s Sales Service Station — for Everything for the Garden.



Above—General Office and City Store, corner Richards Street and First South.

For complete Nursery and Seed Lines, drive to 522-536 South 3rd West, shown below.





P.-W.'s Velvet Green Mixture Makes a Beautiful Green Sward

P.-W.'s LAWN SEEDS

Recleaned — Free from all Noxious Weeds — Plump, Clean, Vigorous

Write for Quantity Prices

P.-W.'s Leaflet on "How to Make and Care for a Lawn" Sent Free Upon Request—Write for a Copy

Chewings Fescue—Unlike other members of the Fescue family, this does not bunch but forms a low, dense, mat-like turf of very fine, bristly leaves, green in color and long-wearing under hard usage. Most popular for lawns, putting greens, and golf course fairways. Lb., **95c**; 3 lbs., **\$2.75**, postpaid. Not prepaid, lb., **85c**; 10 lbs., **\$8.00**.

Kentucky Blue Grass—The main stay for lawn making. Our stock is extra fancy. Lb., **45c**; 3 lbs., **\$1.25**, postpaid. Not postpaid, lb., **40c**; 10 lbs., **\$3.75**.

P.-W.'s Creeping Bent — Especially recommended for Lawn and Golf Courses for the reason that it makes an exceptionally fine turf that smothers out dandelions and other weeds. Sow in Fall or Spring, 3 to 4 lbs. to 1,000 square feet. **Blue Tag Certified**. 1 lb., **\$1.10**; 3 lbs., **\$3.20**, postpaid. Not prepaid, lb., **\$1.00**; 10 lbs., **\$9.50**.

P.-W.'s Velvet Green Lawn Mixture—Produces a beautiful permanent lawn in four to six weeks. Sow at rate of one lb. to 200 square feet. 1 lb., **50c**; 3 lbs., **\$1.40**, postpaid. Not prepaid, lb., **45c**; 10 lbs., **\$4.00**.

P.-W.'s Shady Nook Lawn Mixture—Prepared especially for shady places where it is difficult to get turf established. Lb., **65c**, postpaid. Not prepaid, lb., **55c**; 10 lbs., **\$5.00**.

Red Top Grass—Fancy **recleaned solid seed**: in popularity for lawn use it is a close second to Kentucky Blue Grass. Lb., **45c**; 3 lbs., **\$1.20**, postpaid.

White Clover—First class recleaned seed. Specially selected for lawn use. Lb., **\$1.00**; 3 lbs., **\$2.85**, postpaid. Not prepaid, lb., **95c**; 3 lbs., **\$2.75**.



At right—

Beautiful Lawns, Putting-Greens and Fair-Ways at Salt Lake Country Club, where P.-W.'s Grass Seeds Have Been Used

P.-W.'s Special Bent Mixture

A Lawn Without Weeds

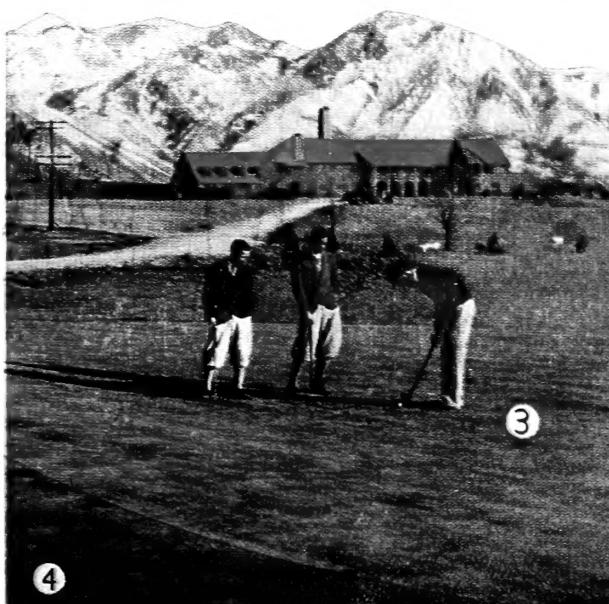
This splendid mixture is made up of grasses that will make a closely woven tough turf, choking out weeds and producing a beautiful green sward. We especially recommend this where trouble is had with Dandelions and other weeds.

Lb., **75c**; 10 lbs., **\$7.00**, prepaid. Not prepaid, lb., **70c**; 10 lbs., **\$6.50**.

P.-W.'s Special Athletic Field Mixture

Composed of sturdy grasses that stand severe wear and tramping. 5 lbs., **\$1.75**; 10 lbs., **\$3.25**, postpaid.

P.-W.'s "GOLF LINKS" GRASS MIXTURE—Formula will be adapted to conditions. Correspondence invited.



PORTER-WALTON CO.
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Plant "FIRETHORN"
for a gorgeous mass of Fall
and Winter Beauty

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A GROUP PLANTING OF
COLORFUL
"FIRETHORN"
(*Pyracantha Lalandii*)

The peer of all broadleaf ever-
greens. Green foliage through the
year, with white flowers in the
Spring, followed by gorgeous red-
orange berries in Fall and Winter
each. Well developed shrubs,
12-15" in pots (wt. 15 lbs.), .75c
balled and burlapped, 15-18" (wt.
35 lbs.), \$1.25; 18-24" (wt. 45 lbs.),
\$1.95; 24-30" (wt. 55 lbs.), \$2.50;
30-36" (wt. 65 lbs.), \$2.90; 36-40"
(wt. 75 lbs.), \$3.90.

(Transportation charges extra)